

Note:- Answer all parts from Section "B" and all questions from Section "C" on the E-sheet.

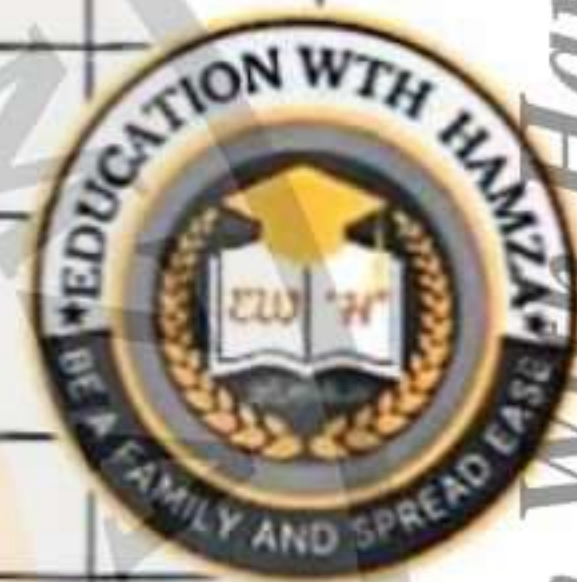
Write your answers on the allotted/given spaces.

SECTION – B

2- Attempt all parts from the following.

(14 x 3 = 42)

i	What type of errors are possible in any measurement?	3	OR	What is vector product? Give two examples.	3
ii	What units are associated with the unit vectors \hat{i}, \hat{j} and \hat{k} ?	3	OR	Define the following (i). Kinematics (ii). Dynamics	3
iii	On what factors range of projectile depends and for what pairs of angles projectile has same range.	3	OR	Why is gyroscope used in aeroplanes?	3
iv.	The centripetal force on a car mass 856kg moving along a curve is 7250N if its speed is 12.0m/s, what is the radius of curve?	3	OR	Define efficiency. Find efficiency for an ideal machine.	3
v.	A box having 40kg mass is dragged on a frictionless inclined surface to a height of 8m. If the inclined plane makes an angle of 20° with the earth, find the work against gravity.	3	OR	It is dangerous to stand close to rail tracks when a rapidly moving commuter train passes. Explain why?	3
vi.	An object which is made up of iron, has density of 7.8 g/cm ³ appears 200N lighter in water. Calculate volume of the object.	3	OR	Why the window glasses of old buildings show milky appearance with time?	3
vii.	Why most of the solids prefer to be in the crystalline state? What is glass transition in amorphous solids?	3	OR	Differentiate between reversible and irreversible process.	3
viii.	A heat engine is working with thermal efficiency of 40%. It receives 4kJ of heat from furnace, what waste heat does it reject?	3	OR	How beats are useful in tuning musical instrument?	3
ix.	Why we use noise canceling headphones?	3	OR	Show that $\frac{\text{volt}}{\text{meter}} = \frac{\text{newton}}{\text{coulomb}}$	3
x.	What are the limitations of Coulomb's law?	3	OR	Calculate 1 month cost of using 50w energy saver for 8 hours daily in your study room. Assume that price of a unit Rs. 20.	3
xi.	In a uniform magnetic field with strength of $1.20 \times 10^{-3} \text{ T}$. calculate the radius of an orbit of circular path of an electron moving with speed of $2.0 \times 10^7 \text{ m/s}$	3	OR	State Kirchhoff's current rule and Kirchhoff's voltage rule.	3
xii.	What are the factors affecting the magnitude of the induced emf.	3	OR	Shortly describe postulate of the constancy of speed of light.	3
xiii.	What are consequences of special theory of relativity? Explain only length contraction.	3	OR	Explain the term W-Boson.	3
xiv.	Can anti matter burn? Explain	3	OR	The radius of circle is measured to be $(10.5 \pm 0.2) \text{ m}$. Calculate (a). Area (b). Circumference.	3



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Note:- Attempt all questions.

3-	What is a projectile? Analyze variation of velocity and acceleration of an object launched from certain height horizontally. Also describe horizontal and vertical distances covered by it. (OR) Define angular momentum, derive its relation in terms of angular quantities and show that time rate of change of angular momentum is equal to acting torque.	(1+4+2=07) (2+3+2=07)
4-	Describe the equation of continuity to find the flow rate of an ideal fluid and justify it as a form of conservation of mass. (OR) State and discuss the principle and working of heat engine.	(04+02=06) (02+04=06)
5-	What is Doppler's effect? Explain its any one case write down its two applications. (OR) What are hadrons? Describe their classes in detail.	(01+04+02=07) (07)
6-	Two long straight parallel wires are 0.6 m apart and carry current 4 A and 8 A. Find the neutral point lying between two wires at perpendicular distance. (OR) A piece of silver wire has a resistance of 1Ω. What will be the resistance of a magnesium wire of one third of the length and one third of diameter, if specific resistance of wire is 30 times that of silver?	(1+5=06) (2+2+2=06)

(The End)

**Note:- Answer all parts from Section "B" and all questions from Section "C" on the E-sheet.
Write your answers on the allotted/given spaces.**

SECTION – B

2- Attempt all parts from the following.

(14 x 3 = 42)

i	How uncertainty can be calculated in a timing experiment? Explain using example.	3	OR	If $\vec{A} = 2\hat{i}$ and $\vec{B} = -3\hat{j}$. Find magnitude and direction of $\vec{A} \times \vec{B}$.	3
ii	Show that $\vec{A} \cdot \vec{B} = A_x B_x + A_y B_y + A_z B_z$	3	OR	A person can jump over a table having height of 5m. consider just vertical height to calculate its speed he just leaves the ground.	3
iii	Why most of collisions in nature are inelastic? Explain	3	OR	Prove that $1 \text{ rad} = 57.3^\circ$	3
iv.	Why road curves are banked? Derive relation between angle of banking and radius of curve.	3	OR	Define and explain work energy theorem.	3
v.	If a force of 5N at an angle of 60° with horizontal and displaces 5kg object through 5m on surface of ground. Calculate work done.	3	OR	Distinguish between turbulent and streamline flow.	3
vi.	Why Geese fly in a specific manner (v-formation) during their flight? Explain	3	OR	Define unit cell. Discuss its classes, shortly.	3
vii.	The slope of force extension graph represents which quantity? Explain	3	OR	What are limitations of 1 st law of thermodynamics?	3
viii.	Can we build a heat engine without low temperature reservoir? Explain	3	OR	If amplitude of wave is doubled than how much energy transferred by it increases?	3
ix.	How should a sound source move with respect to an observer so that frequency of its sound Does not change?	3	OR	Electric field lines never cross each other. why?	3
x.	The electric field at a point due to point charge is 26N/c and electric potential at that point is 13J/c. calculate distance of point from charge.	3	OR	Write three differences between Fermi velocity and drift velocity.	3
xi.	Find current passing inside a source having difference of 2V between its terminals when resistance (internal) is 0.02 ohms.	3	OR	Show that emf (ϵ) and $\frac{\Delta\Phi}{\Delta t}$ have same units.	3
xii.	A solenoid contains 50 turns having cross-sectional area of 0.02m^2 . calculate magnetic flux linkage if magnetic field of 10mT is applied.	3	OR	Why rest mass of photon must be zero? Explain (photon has $v=c$)	3
xiii.	What is meant by relativity of simultaneity?	3	OR	"Energies of α -particles is discrete whereas energies of β -particles are continuous." How this difference arises although both have same origin?	3
xiv.	Why are gluons short range exchange particles? Explain	3	OR	Show that dimensions of Planck's constant and angular momentum are same.	3

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Note:- Attempt all questions. Marks of each question are given along with each question.

3-	By constructing a suitable motion diagram showing the trajectory of the projectile, develop a relation to find the maximum horizontal range and express the horizontal range in terms of maximum range. (OR) Why objects appear weightless in orbiting satellites. Derive an expression for frequency of spaceship to counter weightlessness.	(01+05+01=07)
4-	Define terminal velocity. Derive it's equation by using Stoke's law. (OR) Explain the following process a). Adiabatic process b). Isobaric process	(03+03=06)
5-	What is Doppler's effect? Discuss its cases when source is at rest and observer is moving. (OR) What are mediators? Also explain any three mediators.	To join, Contact: 03279305109
6-	Estimate the cost of electricity consumed for a month of one year. If the following devices are used as specified: i). 10 bulbs of 40 watts for ten hours. ii). 40 tube lights of 25 watts for 10 hours. iii). 10 fridges of 250 watts for 24 hours. If rate of electricity is Rs. 50/unit. (OR) A coil of wire has 100 loops. Each loop has an area of $2.0 \times 10^{-3} \text{ m}^2$. A magnetic field is perpendicular to the surface of each loop at all times. If the magnetic field is changed from 0.5 T to 0.1 T in 0.1 s . Find average emf induced in the coil during this time.	(06) (06)

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Group: Education With Hamza

NOT FOR SALE

Sheet No.
 4229
 Roll No.
 939616

PHYSICS (Group-III) 25/01
 Class - 11th (INTERMEDIATE)
 (OBJECTIVE PART)
 (NEW FEDERAL SCHEME CURRICULUM 2022-23)

Marks 17
 Time 25 Minutes
 Section - A

Version
 000



(First Annual)

No. of questions in this section must be filled in the bubble sheet.

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1. Fill the relevant bubble against each part according to curriculum. (17)

➔	Maximum work is obtained by the process called;						
A	Isochoric	B	Isothermal	C	Adiabatic	D	Isobaric
➔	The ratio of the fundamental mode of vibration in a opened and closed pipe is;						
A	2:1	B	1:2	C	1:1	D	4:1
✓	If charged body is moved against the electric field, it will gain;						
A	Potential energy	B	Kinetic energy	C	Mechanical energy	D	Electrical potential energy
✓	Let F is the force between two equal point charges at some distance. If the distance between them is doubled and individual charges are also doubled, what will be the force acting between the charges?						
A	2F	B	F	C	4F	D	F/2
✓	Thermistor is special kind of resistor named as;						
A	Laser resistor	B	Photo resistor	C	Thermal resistor	D	Electric resistor
✓	The strength of magnetic field produced inside the solenoid when it has 'n' number of turns per unit length and current 'I' is given by;						
A	$B = \mu_0 n I$	B	$B = \mu_0 n I^2$	C	$B = \mu_0 n I^3$	D	$B = \mu_0 n^2 I$
✓	Due to relative motion of observer and frame of reference, time;						
A	Dilates	B	Contracts	C	Remains same	D	Reduces
✓	Charge of down quark is equal to;						
A	$\frac{1}{3}e$	B	$-\frac{1}{3}e$	C	e	D	-e
✓	Order of magnitude of $[10^3 \times 10^3]$ is						
A	10^{16}	B	10^6	C	10^3	D	10^4
✓	The number of perpendicular components of a force in (2-D) are;						
A	2	B	4	C	5	D	6
✓	Which of the following quantity has different dimension?						
A	Force	B	Weight	C	Modulus of elasticity	D	Tension
✓	An object moving with speed of 12m/s having momentum of 48kgm/s. the object mass is ____ kg.						
A	2	B	4	C	12	D	16
✓	Moment of inertia of a hoop or ring about its axis is;						
A	$I = mr^2$	B	$I = \frac{2}{5} mr^2$	C	$I = \frac{1}{2} mr^2$	D	$I = \frac{1}{12} mr^2$
✓	The work done by a body while covering a vertical height of 10m is 500J. By how much amount does the energy of the body change?						
A	-50J	B	50J	C	-500J	D	500J
✓	Terminal velocity v_t is related with radius 'r' of a spherical object as;						
A	$v_t \propto r^2$	B	$v_t \propto r$	C	$v_t \propto \frac{1}{r}$	D	$v_t \propto \frac{1}{r^2}$
✓	Gradient of the force extension graph has value, with in elastic region;						
A	Increasing	B	Constant	C	Decreasing	D	Variable
✓	Which of the following is an example of brittle substances?						
A	Lead	B	Copper	C	Glass	D	Wrought iron

(The End)

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NOT FOR SALE

2- کوئی سے 9 اجزاء کے پانچ سے چھ سطروں تک محدود جوابات لکھیں۔ (9 x 4 = 36)

2:2- Answer any nine parts the answer to each part should not exceed 5 to 6 lines. (9 x 4 = 36)

i	Describe four qualities of a good business man.	i	ایچھے کاروباری آدمی کے چار اوصاف بیان کریں۔
ii	Write down four advantages of sole trader ship.	ii	واحد ملکیتی کاروبار کے چار نقصانات تحریر کریں۔
iii	Explain the difference between Public Limited and private Limited Company.	iii	پبلک لمیٹڈ اور پرائیویٹ لمیٹڈ کمپنی میں فرق بیان کریں۔
iv	Describe the services of wholeseller for manufacturer and retailer.	iv	تھوک فروش کی کارخانہ دار اور پرچون فروش کے لیے خدمات بیان کریں۔
v	Explain the difference between home trade and foreign trade.	v	مکلی تجارت اور غیر مکلی تجارت میں فرق کی وضاحت کریں۔
vi	Define Advertisement also write down main sources of advertisement.	vi	اشہار بازی کی تعریف لکھیں نیز اہم ذرائع بیان کریں۔
vii	What is meant by life insurance? Also write name of its types.	vii	زندگی کے بیمہ سے کیا مراد ہے اسکی اقسام کے نام لکھیں۔
viii	What is meant by air transport also write its advantages.	viii	فضائی ٹرانسپورٹ سے کیا مراد ہے اس کے فوائد لکھیں۔
ix	Define office also write two functions of office.	ix	دفتر کی تعریف لکھیں نیز دفتر کے دو فرائض بیان کریں۔
x	Describe the importance of office machines.	x	دفتری مشینوں کی اہمیت بیان کریں۔
xi	Describe the characteristics of a good filing system (any four).	xi	اچھی سسل بندی کی چار خصوصیات بیان کریں۔
xii	Write down name of important parts of business letter.	xii	کاروباری خط کے ضروری اجزاء کے نام لکھیں۔



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Section - C (Marks 24)

حصہ سوم (کل نمبر 24) بسم اللہ الرحمن الرحیم

نوٹ: کوئی سے دو سوالات کے جوابات لکھیں۔ تمام سوالوں کے نمبر برابر ہیں۔ (2 x 12 = 24)

Attempt any TWO questions. All questions carry equal marks. (2 x 12 = 24)

Define commerce. Discuss in detail the importance of commerce.	3-	کامرس کی تعریف کریں۔ تجارتی اور مکلی ترقی میں کامرس کی اہمیت بیان کریں۔
What do you know about sole trader ship. Also explain in detail the characteristics of sole tradership.	4-	واحد ملکیتی کاروبار کے بارے میں آپ کیا جانتے ہیں۔ واحد ملکیتی کاروبار کی خصوصیات تفصیل سے بیان کریں۔
Describe the qualities of good salesman.	5-	ایک اچھے بیگزمن کی خوبیاں لکھیں۔

(ختم شد)

اموال تجارت (کامرس گروپ) Principles of Commerce (Commerca Group) محلہ ایف ایس سی

انٹرنیشنل ایسٹ (لرسٹ اینڈل پارٹ-1) 026/1 (حصہ سرمنشی) فیڈرل پیپرین 34996

585628 34996

سہیل دعوت: ب: تمام اہل علم

فیڈرل ایسٹ (لرسٹ اینڈل پارٹ-1) 026/1 (حصہ سرمنشی) فیڈرل پیپرین

وقت: 20 منٹ اموال تجارت (کامرس گروپ)

کل نمبر: 15 Principles of Commerce (Comercca Group)

نوٹ: اپنا نمبر اندھا لکھی، پیمش ہی کی ہے۔ تمام سوال ای کا کٹج برسول کے ماتل دی گی جا اچھ کے مطابق مل کیتے۔ کات کرنا کر فیڈرل سے تکرر کر دو حساب کا کوئی ایسٹ نہ ہاے۔
 Note: Write your Roll Number in space provided. Over-writing, Using of lead pencil will result in loss of marks. All questions are to be attempted.

Section - A (Marks 15) مسائل (نمبرات 15)

1- ہر سوال کے دیے ہوئے چار ممکنہ جوابات میں سے درست جواب پر ٹک (✓) کا نشان لگائیں۔ (15)
 1- Each question has four possible answers. Tick (✓) the correct answer. (15)

سوال نمبر	سوالات Questions	A	B	C	D
1	کاروبار سے حاصل ہونے والی آمدنی business is called.	لح Profit	سود Interest	تسکین Satisfaction	اٹوریٹ Utility
2	درآمدات و برآمدات اقسام ہیں۔ Imports and exports are kinds of.	مکمل تجارتی Home trade	بیرونی تجارتی Foreign trade	سرمایہ تجارتی Provincial trade	ان میں سے کوئی نہیں None of these
3	واحد ملکی کاروبار عام طور پر کیا جاتا ہے۔ To join, Contact: 03279305109 or's is generally carried on.	چھوٹے پیمانے پر Small scale	درمیانے پیمانے پر Medium scale	بڑے پیمانے پر Large scale	تمام شامل ہیں All of these
4	شریک کاروبار میں کم از کم شرکا کی تعداد The minimum numbers of partners in a partnership are.	ایک One	دو Two	تین Three	چار Four
5	شریک داری ختم کرنے کے بعد سب سے پہلے ادائیگی The 1st payment after dissolution of partnership is given.	حصہ داروں کو To partners for share	حصہ داروں کے قرض کی To partners for loan	دروائی قرضوں کی To settle external debts	ان میں سے کوئی نہیں None of these
6	کس کاروباری تنظیم کے آغاز کے لیے قانونی اجازت درکار ہوتی ہے۔ Which business organization requires legal permission for commencement.	واحد ملکی کاروبار Sole tradership	شریک کاروبار Partnership	جوڑ کر سرمایہ کی کمپنی Joint stock company	ان میں سے کوئی نہیں None of these
7	کمپنی کی سب سے اہم دستاویز ہوتی ہے۔ The most important document of a company.	کمپنی کا ضوابط The Articles	کمپنی کا پراپکٹس The prospectus	حسابات The accounts	کمپنی کا آئین The memorandum
8	الٹ کیے جانے والے حصص کی تفصیل ہوتی ہے۔ Detail of Alloted shares mention in.	آئینی رپورٹ میں Statutory report	سالانہ اجلاس کی رپورٹ Annual meeting report	خصوصی اجلاس کی رپورٹ Special meeting report	ان سب میں All of them
9	انجمن امداد باہمی کا بنیادی مقصد The basic aim of co-operative society is.	اشیا کا ذخیرہ To store goods	لح کماتا To earn profit	اراکین کی خدمت To serve members	سب تمام All of these
	تجارت میں مندرجہ ذیل کا کردار بہت اہم ہے۔ Whose role is important in trade.	تاجر Trader	پیدا کار Producer	صارف Consumer	سب تمام All of these
	مصافحہ قیمت (کٹ پرائس) کی دکان پر اشیا ہمیشہ فروخت کی جاتی ہیں۔ At cut price shop, things always sold.	نقد On Cash	ادھار On Credit	ادھار نقد دونوں Both cash and credit	تجزوں کے بدلے In exchange of things
	برآمدی تجارت سے ملنے والی مصنوعات کی طلب By import trade, demand of national products.	کم ہو جاتی ہے Reduces	بڑھ جاتی ہے Increases	معمول کے مطابق رہتی ہے Remain normal	دونوں الف اور ب Both A & B
	تاجر مال خود نشانہانا چاہتا ہو تو وہ حکام کو جاری کرتا ہے۔ If a trader does not want to get the goods himself he issues.	بل آف انٹری Bill of entry	بل آف سائٹ Bill of sight	بل آف لڈنگ Bill of lading	ڈیلیوری آرڈر Delivery order
	مادہ پستی آواز کے ذریعے کی جاتی ہے۔ Advertisement by voice message.	ٹیلی ویژن Television	ریڈیو Radio	ویڈیو کاسیٹ Video cassette	ان میں سے کوئی نہیں None of these
	گھریلو بیمہ کی جاتی ہے۔ Group insurance is popular among.	بے روزگار لوگ Unemployed	ملازمین کی Employees	گھریلو خواتین کی House wives	سب تمام All of these

رول نمبر
وقت : 2:30 گھنٹے
کل نمبر: 80

(25/01 فرسٹ اینڈ) انٹرمیڈیٹ (پارٹ - I)
(حصہ انشائیہ) (آزاد کشمیر سلیبس)

معاشریات
(Economics)

(حصہ اول) (Section-I)

Q:2- Write short answers of any eight parts. (16=8x2) کوئی سے آٹھ اجزاء کے مختصر جوابات تحریر کریں۔

(ii) Define macroeconomics.	کلی معاشیات سے کیا مراد ہے؟	(i) Describe Alfred Marshall's definition of economics.	الفرڈ مارشل کی بیان کردہ معاشیات کی تعریف لکھیے۔
(iv) What are economics laws?	معاشی قوانین سے کیا مراد ہے؟	(iii) Write down two merits of Robbins definition of economics.	رابنز کی معاشیات کی تعریف کی دو خوبیاں بیان کریں۔
(vi) What is equation?	مساوات سے کیا مراد ہے؟	(v) Define the definition of cross elasticity of demand.	عبرائمیٹز کیا ہوتے ہیں؟
(viii) Write definition of law of diminishing marginal utility.	قانون تقطیل افادہ ختم کی تعریف بیان کریں۔	(vii) Define "Law of Demand."	قانون طلب سے کیا مراد ہے؟
(x) Define "Law of Demand."	قانون طلب سے کیا مراد ہے؟	(ix) Describe the definition of cross elasticity of demand.	طلب کی متقاطع چمک کی تعریف بیان کریں۔
(xii) Write the formula of point elasticity of demand.	طلب کی نقطی چمک کا فارمولہ تحریر کیجئے۔		

Q:3- Write short answers of any eight parts. (16=8x2) کوئی سے آٹھ اجزاء کے مختصر جوابات تحریر کریں۔

(ii) What is less elasticity supply?	کم چمکدار رسد سے کیا مراد ہے؟	(i) What is meant by fall in supply?	رسد کے گرنے سے کیا مراد ہے؟
(iv) Describe elasticity of supply less than one.	اکائی سے کم رسد کی چمک سے کیا مراد ہے؟	(iii) Draw a diagram of zero elasticity of supply.	رسد کی صفر چمک کی ڈیآگرام بنائیں۔
(vi) What is meant by equilibrium of market?	منڈی کے توازن سے کیا مراد ہے؟	(v) Define normal price.	نارمل قیمت سے کیا مراد ہے؟
(viii) What is meaning of extensive cultivation?	کاشت وسیع سے کیا مراد ہے؟	(vii) What is meant by production of wealth?	پیدائش دولت سے کیا مراد ہے؟
(x) What is wage?	اجرت سے کیا مراد ہے؟	(ix) Define business organization.	کاروباری تنظیم سے کیا مراد ہے؟
(xii) Define marginal productivity theory.	نظریہ ختم پیداوار کی تعریف لکھیں۔	(xi) What is net interest?	خالص سود سے کیا مراد ہے؟

Q:4- Write short answers of any nine parts. (18=9x2) کوئی سے نو اجزاء کے مختصر جوابات تحریر کریں۔

(ii) What are external economics of scale?	بیرونی کفایتوں سے کیا مراد ہے؟	(i) What is a production function?	تفاعل پیداائش سے کیا مراد ہے؟
(iv) Define law of diminishing cost.	قانون تقطیل لاگت کی تعریف کیجئے۔	(iii) Write down four merits of large scale production.	پیداائش بڑے پیمانے پر کے چار فوائد لکھیے۔
(vi) What is the capital market?	سرمائے کی منڈی کی تعریف لکھیے۔	(v) Describe international market.	بین الاقوامی منڈی سے کیا مراد ہے؟
(viii) Differentiate between fixed cost and variable cost.	مستقیم مصارف اور متغیر مصارف میں فرق لکھیے۔	(vii) Define marginal cost.	ختم مصارف سے کیا مراد ہے؟
(x) Define the methods of firm's equilibrium.	فرم کے توازن کے طریقے بیان کیجئے۔	(ix) What is the relationship between marginal cost and average cost?	ختم مصارف اور اوسط مصارف کے باہمی تعلق سے کیا مراد ہے؟
(xii) Define abnormal loss of firm.	فرم کے غیر معمولی نقصان کی تعریف بیان کریں۔	(xi) Describe abnormal profit of firm under perfect competition.	مکمل مقابلے کے تحت فرم کے غیر معمولی منافع کی تعریف لکھیے۔
		(xiii) Describe firm equilibrium conditions in the short-run under monopoly.	اجارہ داری کے تحت عرصہ تقطیل میں فرم کے توازن کی حالتیں بیان کیجئے۔

Education with Hamza (حصہ)

Note: Attempt any three questions.

نوٹ: کوئی سے تین سوالات کے جوابات تحریر کریں۔

5-	Elaborate on the characteristics of wants?	(10)	انسانی حاجات کی خصوصیات تحریر کریں۔
6-	Explain law of diminishing marginal utility with table and diagram. Also write its assumptions.	(10)	قانون تقطیل افادہ ختم کی وضاحت بذریعہ گوشوارہ، ڈیآگرام کریں۔ نیز مفروضات بھی لکھیے۔
7-	Explain equilibrium of market with table and diagram.	(10)	منڈی کے توازن کی وضاحت جدول اور ڈیآگرام کی مدد سے کریں۔
8-	Bring out difference between profit and interest.	(10)	منافع اور سود میں فرق کی وضاحت کیجئے۔
9-	Explain interrelationship between total cost, marginal cost and average cost using a diagram.	(10)	کل مصارف، ختم مصارف اور اوسط مصارف کے مٹلوٹ کے باہمی ربط کی وضاحت ڈیآگرام کی مدد سے کریں۔

To join group, Contact: 03279305109 Jawad Mir

Group: Education With Hamza

(ختم شد)

NOT FOR SALE

☆ معاشیات (Economics)

جمالی کالج کابیریل نمبر

رول نمبر

انٹرمیڈیٹ (فرسٹ اینزل) (پارٹ - I) 25/01 حصہ معروضی (ٹیمپورل پیپرن)

دستخط نائب ناظم / ناظم مرکز

دستخط امیدوار

رضی رول نمبر (دستری استعمال کیلئے)

انٹرمیڈیٹ (فرسٹ اینزل) (پارٹ - I) 25/01 حصہ معروضی (ٹیمپورل پیپرن) وقت : 25 منٹ

معاشیات

کل نمبر: 20



(Economics)

(حصہ اول) (Section-A)



نوٹ: اپنا رول نمبر اور دستخط اسی پر چھپا دیں گی جبکہ پر مثبت کیجئے۔ تمام سوال اسی کاغذ پر ہر سوال کے سامنے دی گئی ہدایات کے مطابق مل کیجئے۔ کاٹ کر اس کا ریپڈ پینل سے تحریر کردہ جواب کا کوئی نمبر نہیں دیا جائے گا۔
Note: Write your Roll NO. in space provided. Over-writing, Using of lead pencil will result in loss of marks. All questions are to be attempted.

(20)

1- ہر سوال کے دیئے ہوئے چار ممکنہ جوابات میں سے درست جواب پر ٹیک (✓) کا نشان لگائیں۔

1- Each question has four possible answers, Tick (✓) the correct answer.

(20)

د	ج	ب	ا	سوالات	نمبر
D	C	B	A	Questions	ش
ریڈز Robbins	مارشل Marshall	کیسز Keynes	ریکارڈو Ricardo	جدید کتب فکر کا بانی تھا: Founder of new classical School of thought was;	1
نظریہ پیدا نش دولت Theory of production	قومی آمدنی National Income	نظریہ قیمت Price theory	روپیہ صارف Consumer behaviour	مکلی معاشیات کا ایک موضوع ہے: The subject matter of macro economics is;	2
اخلاقی قانون Law of ethics	قانون رسد Law of supply	قانون استبدال Law of substitution	قانون ٹھیلنا کا قانون Law of diminishing marginal utility	قانون طلب کی بنیاد کو کس قانون فراہم کرتا ہے: basis for law of demand;	3
تعمیراتی قانون کے برابر ہے Marginal utility equal total utility	تعمیراتی قانون صفر ہوتا ہے Marginal utility is zero	تعمیراتی قانون منفی ہوتا ہے Marginal utility is negative	تعمیراتی قانون مثبت ہوتا ہے Marginal utility is positive	کل افادہ اس وقت زیادہ سے زیادہ ہوتا ہے: its maximum when;	4
وقت Time	طلب Demand	آمدنی Income	قیمت Price	درج ذیل میں سے ایک متغیر مسلسل کی مثال ہے: of continuous variable	5
الین Allen	ٹوبین Tobin	ریڈز Robbins	مارشل Marshall	طلب کی قوسی لپک کا فارمولہ کس نے پیش کیا: nd formula was presented by;	6
صفر کے برابر E=0	اکائی کے برابر E=1	اکائی سے کم E<1	اکائی سے زیادہ E>1	پائیدار اشیاء کی طلب کی لپک ہوتی ہے: Demand elasticity of durable goods is;	7
مالیاتی پالیسی Fiscal policy	طلب میں تبدیلی Change in demand	قیمت میں تبدیلی Change in price	دیگر عوامل Other factors	تعمیراتی منحنی کی تبدیلی کی وجہ سے: Supply curve shift due to;	8
منفی Negative	کوئی تعلق نہیں No relationship	براہ راست Direct	مکروس Inverse	تعمیراتی قیمت کے ساتھ کس قسم کا تعلق ہے: The relationship between price and supply of goods is;	9
ان میں سے کوئی نہیں None of these	ایک جیسی رہے گی Remain same	کم ہو جائے گی Decrease	بڑھ جائے گی Increase	اگر طلب اور رسد میں یکساں اضافہ ہو تو متوازن قیمت ہوگی: When demand and supply increases with same ratio then equilibrium price will;	10
کارخانہ Factory	سرمایہ Capital	دولت Wealth	زر Money	ان میں سے ایک عامل پیدا نش ہے: Which of the following is factor of production;	11
ڈیمز Dams	بائڈز Bonds	نہریں Canals	سڑکیں Roads	ان میں سے ایک باہر سرمایہ میں شامل نہیں ہے: Which of the following is not added in fixed capital;	12
x-axis کے متوازی Parallel to x-axis	ادب سے نیچے Negatively sloped	نیچے سے اوپر Positively sloped	y-axis کے متوازی Parallel to y-axis	قانون یکسانی حاصل کا گھٹا ہوتا ہے: Slope of curve of law of constant returns is;	13
پانچ Five	چار Four	تین Three	دو Two	قانون متغیر تناسب کے مراحل ہوتے ہیں: Stages of law of variable proportions are;	14
تعمیراتی منحنی حاصل Curve of increasing returns	کل حاصل کا خط Total revenue	اوسط حاصل کا خط Average revenue	تعمیراتی حاصل کا خط Marginal revenue	کون سا خط طلب کا خط ہے: Which curve is called demand curve;	15
چار Four	تین Three	دو Two	ایک One	تعمیراتی منحنی کے تحت فروخت کاروں کی تعداد ہوتی ہے: Under monopoly the sellers are;	16
اجارہ دارانہ مقابلہ Monopolistic competition	دو چارہ Duopoly	مکمل مقابلہ Perfect competition	اجارہ داری Monopoly	اوسط حاصل اور تعمیراتی حاصل برابر ہوتے ہیں: AR and MR are equal under;	17
ان میں سے کوئی نہیں None of these	اجارہ داری Monopoly	اجارہ دارانہ مقابلہ Monopolistic competition	دو چارہ Duopoly	مکمل مقابلہ ضد ہے: Opposite of perfect competition is;	18
منافع پر Profit	شرع سود پر Interest rate	صرف پر Consumption	آمدنی پر Income	تعمیراتی طلب کا انحصار ہوتا ہے: Speculative demand for money depends on;	19
کیسز Keynes	ریکارڈو Ricardo	مارشل Marshall	ریڈز Robbins	تعمیراتی ترجیح کا نظریہ کس نے پیش کیا: Liquidity preference theory is given by;	20

(ختم شد)

- 2). Read the passage carefully and answer any six questions including question No. (i), appended to it.

Note:- Question No. (i) about summary writing is compulsory carrying 08 marks while rest of the questions carry 04 marks each. (8+5x4=28)

She was one of those pretty and charming girls born, as if by an error of fate, into a family of clerks. She had no dowry, no expectations, no means of becoming known, understood, loved or wedded by a man of wealth and distinction; and so, she let herself be married to a minor official at the Ministry of Education. She dressed plainly because she had never been able to afford anything better, but she was as unhappy as if she had once been wealthy. Women don't belong to a caste or class; their beauty, grace and natural charm take the place of birth and family. Natural delicacy, instinctive elegance and a quick wit determine their place in society and make the daughters of commoners the equals of the very finest ladies.

Questions:

- Write down the summary and give a suitable title to the above passage. (7+1=08)
- What was the social background of the girl in the given paragraph?
- Who did the girl marry and why?
- What does the narrator suggest about caste and class of women?
- How does the girl's marriage reflect her social and economic situation?
- How can the girl's situation be compared to modern issues class conflict and economic inequality?
- What lesson can we learn from girl's story?
- Why did the girl dress plainly?
- Explain the expression "as if by an error of fate"- in the context of above passage.

- 3).a. Read the following poetic extract carefully and answer the questions appended to it. (2+2+2=6)

The land's sharp features seemed to be
The century's corpse out leant,
His crypt the cloudy canopy,
The wind his death-lament
The ancient pulse of germ and birth was shrunken hard and dry,

Questions:

- Identify alliteration in the lines.
- Discuss tone of the given lines.
- What happened to the ancient pulse?

OR

Write down the summary of Poem "The Wind".

- b). Answer the following question:

What is setting? What is the setting of play "Fourteen"? What is its role in the play?

(OR)

Describe the following characters:

- Dunham
- Elaine

(Section-C Marks: 40)

- 4). Write a job application to the District Education Officer for the post of a clerk in DEO office. (08)

OR

Write an application to the principal of your college for a seat in college hostel.

- 5).a. Choose the correct meanings of the following idioms used in the sentences. (06)

- He kicked the bucket last night. (passed over/passed away)
- He visits me once in a blue moon. (often/seldom)
- He is under a cloud these days. (in trouble/in happiness)
- Time and tide waits for none. (time/year)
- All were silent, I broke the ice. (listened/spoke)
- The patient kicked the bucket last night. (hit/died)

(OR)

Use the following phrasal verbs in sentences.

- Break out
- See to
- Call back
- Give up
- Hang on
- Let in

- b. Change the narration of the following passage. (06)
"Will you help me, Sir?" said she to him. "No, I will not help you today." He said to her. She said, "Why don't you help me today?" He replied politely, "Because you didn't help me yesterday." She said, "How rude you are!" He said, "May God bless you; let's be friends again."

(OR)

Change the following sentences into indirect speech.

- i. He said, "I am going to Lahore today."
- ii. She said, "May you live long."
- iii. Ali said, "Have you done your work?"
- iv. The teacher said, "Don't waste your time."
- v. The boys said, "Alas! We lost the match!"
- vi. The children said, "Let us play."



To join, Contact:

03279305109

(04)

Punctuate the following lines.

at the same time, the families in Pakistan never fail to look at the children in the family as gifts from Allah

6)- Suppose you are a newspaper reporter. In view of rising inflation in Pakistan, the editor has asked you to write a report on the plight of common man. (08)

OR

Write a letter to the editor of a newspaper about "excessive power shortage in your area".

7)- Write a paragraph of about 100 to 120 words on "Artificial Intelligence". (08)

OR

Translate the following passage into Urdu.

The male members of the family are generally considered to be the guardians of family and play a significant role for the well-being of their family. The major decisions, in the family, are taken by them and their words go unquestioned. Their dream is to support their family members and work for their social and financial well-being. When all the male members work together and contribute equally to the family, the financial burden is minimized and the elements of jealousy and evil also remain under control. The family members are able to prosper and thrive together.

(The End)

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ

BE A FAMILY AND SPREAD EASE

Sheet No.

 Roll No.

ENGLISH (Group-I) 25/01
 Class - 11th (INTERMEDIATE)
 (OBJECTIVE PART)
 (NEW FEDERAL SCHEME CURRICULUM 2022-23)

Marks: 20
 Time: 25 Minutes
 Section - A
 Version No.

(First Annual)

Note: Version number of objective paper must be filled in bubble sheet.
 Section - over along Education with Hamza bubble sheet and hunched filling/overwriting is not allowed. Do not use pen.

1- Fill the relevant bubble against each part according to curriculum. (20)

1	Which of the following is the part of setting in a story?						
A	Plot	B	Characters' emotions	C	Time and location	D	Theme
2	Which statement is a fact?						
A	Chocolate is the best flavour of ice-cream	B	Water freezes at 0°C.	C	Summer is the most fun season	D	Dogs are the friendliest animals
3	Choose the word with correct spellings.						
A	Comitment	B	Comittment	C	Compliment	D	Commitment
4	Which one of the following word has a silent letter?						
A	Bomb	B	Pencil	C	Paper	D	Dog
5	He <u>can</u> run fast. The underlined verb is:						
A	Regular	B	Modal	C	Irregular	D	Transitive
6	An apple _____ day keeps _____ doctor away.						
A	an, the	B	an, a	C	The, the	D	a, the
7	The necklace is made of <u>gold</u> . The underlined word in sentence is;						
A	Abstract noun	B	Collective noun	C	Material noun	D	Countable noun
	The book on the table is <u>mine</u> . Underlined pronoun is:						
A	Interrogative	B	Reflexive	C	Possessive	D	Impersonal
	He worked diligently to achieve his goal. Diligently is <u>an</u> .						
A	Noun	B	Pronoun	C	Adjective	D	Adverb
8	What is the time _____ your watch?						
	by	B	on	C	to	D	in
	"If he had come, I would have gone." This sentence is an example of:						
A	Zero conditional	B	First conditional	C	Second conditional	D	Third conditional
	"Swimming is a great exercise." The underlined word is a _____.						
A	Participle	B	Gerund	C	Past participle	D	Infinitive
13	"The Darkling Thrush", the poet of this poem is:						
A	Robert Frost	B	Thomas Hardy	C	Brenda Winders	D	William Shakespeare
14	But all I heard was screaming. "Yes, yes, yes." Which literary device is used in this line?						
A	Repetition	B	Irony	C	Hyperbole	D	Alliteration
15	Identify the literary device in this line. "The flowers waved at the children as they passed."						
A	Simile	B	Metaphor	C	Personification	D	Oxymoron
16	'She has a heart of gold.' Which literary device has been used?						
A	Simile	B	Metaphor	C	Irony	D	Apostrophe
17	"The thunder roared like a lion." Identify the literary device in this line.						
A	Simile	B	Metaphor	C	Oxymoron	D	Alliteration
18	He <u>himself</u> will go there. The underlined pronoun is;						
A	Reflexive	B	Demonstrative	C	Emphatic	D	Possessive
19	Pick the correct synonym for the word "Astonishment."						
A	Joy	B	Anger	C	Boredom	D	Surprise
20	The synonym of word "Devastated" is;						
A	Thrilled	B	Overjoyed	C	Destroyed	D	Pleased

(The End)

To join group, Contact: 03279305109 Jawad Mir



To join, Contact:
 03279305109

Group: Education With Hamza

NOT FOR SALE

ENGLISH (Group-II)

25/01

(First Annual)

Class : 11th

INTERMEDIATE

MARKS: 80

(SUBJECTIVE PART)

(NEW FEDERAL SCHEME CURRICULUM 2022-23)

TIME : 2:35 Hours

(Section-B Marks: 40)

- 2). Read the passage and answer any six questions including question No. (i), appended to it.
Note:- Question No. (i) about summary writing is compulsory carrying 08 marks while rest of the questions carry 04 marks each. (8+5x4=28)

Pashtun King Sher Shah Suri, the founder of short-lived Suri dynasty, built the Rohtas Fort in the 16th century. It is located near the city of Jhelum. UNESCO described it as an exceptional example of the Muslim military architecture of Central and South Asia. The remarkably intact Rohtas Fort was added to the list of UNESCO world Heritage site in Pakistan in 1997. This incredible fortress was built in 7 years. The rationale behind its construction was to stop the forces of Mughal Emperor Humayun from invading the region following his defeat in the Battle of Chausa. The Rohtas Fort sits on an elevated hill on the Pothohar plateau. The sprawling fortress is surrounded by four kilometers of fortified walls reinforced with 68 bastion towers and twelve gates. This historical site in Pakistan used to hold a force of up to 30,000 personnel. That makes it an incredibly difficult military stronghold to attack. If you are staying at Islamabad, you can make a day trip to Rohtas Fort. It will take you about two hours to reach your destination. From Lahore it takes around three and half hours.

Questions:

- Write down the summary and give a suitable title to the above passage. (7+1=08)
- When, where and who built Rohtas Fort?
- What does UNESCO describe about the Rohtas Fort?
- Why was the Rohtas Fort constructed?
- Describe the location and building of the Rohtas Fort.
- Why was the Rohtas Fort called a stronghold of army?
- Write the meanings of underlined words in English from the given passage.
- Describe the route of the Rohtas Fort from Islamabad and Lahore.
- Identify at least four adjectives from the given passage.

- 3).a. Read the following poetic extract carefully and answer the questions appended to it. (2+2+2=6)

I saw you toss the kites on high
And blow the birds about the sky:
And all around I heard you pass,
Like ladies' skirts across the grass-
O wind, a-blowing all day long,
O wind that sings so loud a song!

Questions:

- What actions does the speaker associate with wind?
- What is the theme of the stanza?
- Explore the meaning of "I saw you toss the kites on high".

OR

Write a summary of the Poem "The Darkling Thrush"

To join, Contact:

03279305109 (06)

- b). Answer the following questions:

How does the setting of a play make it interesting? Describe the setting of the play "Fourteen" (2+2+2=06)
(OR)

Describe the following characters:

- Mrs. Pringle
- Elaine

(3+3=6)

(Section-C Marks: 40)

- 4). Write a job application for the post of science teacher. (08)
OR

Write an application to the principal of your college for change of subject.

- 5).a. Choose the correct meanings of the following idioms used in the sentences. (06)

- She is feeling under the weather today. (sick/in bad mood)
- He broke the ice with a joke. (started a conversation/broke a physical object)
- He is a big cheese in the company. (important person/bad person)
- He is in hot water for missing the deadline. (physically in hot water/ in trouble)
- Ahmad is in the driver's seat after winning the first game out of three. (driving a car/in control)
- He is on cloud nine after the good news. (extremely happy/surprised)

(OR)

Used the following phrasal verbs in sentences.

- Break out
- Bring up
- Call off
- Take after
- Look into
- Checkout

(P.T.O)

Change the narration of the following passage.

(06)

Sara said to her brother, "can you help me with this math problem?" Her brother replied, "I am busy right now, but I can help you in on hour." Sara sighed and said, "Alright, I will try to figure it out myself until then."

(OR)

Change the following sentences into indirect speech.

- i. He said, "What a beautiful painting!"
- ii. She said to me, "Have you visited Lahore?"
- iii. The teacher said, "Do your work properly."
- iv. She said, "Let us plan the event together."
- v. They said, "Hurrah! We have won the match."
- vi. He said to her, "May you succeed in your efforts."



To join, Contact:
03279305109

c. Punctuate the following lines.

(04)

he was watching the leonids which seem to come from directly overhead and race downward toward the horizon in all directions he reported that meteors fell like flakes of snow

6)- Suppose you are a newspaper reporter and in view of rising street crimes, the editor has asked you to write a report. (08)

OR

Write a letter to the editor of a newspaper about the need of a hospital in your locality.

7)- Write a paragraph of about 100 to 120 words on "My Favourite Book". (08)

OR

Translate the following passage into Urdu.

Mrs. Imran kept asking him the reason for this change but Adeel always told her that everything was fine. Mrs. Imran decided to take help from her brother, Muzammil, a wise and caring man. Muzammil took Adeel out for a walk to the nearby park and told him that he got their unwavering support, no matter what the problem was. He assured Adeel that he had the support of the whole family with him. At last, Adeel shared his heartbreaking story, and his uncle listened attentively. After a moment of thought, his uncle offered some guidance.

(The End)

To join group, Contact: 03279305109 Jawad Mir

Group: Education With Hamza

Note: Version number of objective part to be filled in the bubble sheet.
 Section - A is compulsory. All parts of this section to be answered in the bubble sheet and handed over along with objective question paper to the Controller, Islamabad. Overfilling/overwriting is not allowed. Do not use lead pencil.



To join Contact:

03279305109

Curriculum

(20)

1. Fill the relevant bubble against each part

1	I need _____ egg and _____ sandwich.			
	A	B	C	D
2	Identify the underlined word: "kindness is a rare trait."			
	A	B	C	D
3	The book on the table is mine. Identify the underlined pronoun:			
	A	B	C	D
4	She arrived early to the meeting. 'early' is a(n):			
	A	B	C	D
5	She is interested _____ painting.			
	A	B	C	D
6	She enjoys running every morning. Identify the word 'running' in this sentence:			
	A	B	C	D
7	What type of sentence is this? "if it rains, I will cancel the trip."			
	A	B	C	D
8	"Break Break Break", the poet of this poem is;			
	A	B	C	D
9	Which literary device is used in the line "Thy tooth is not so keen."			
	A	B	C	D
10	Identify the literary device in the sentence: "The world is a stage."			
	A	B	C	D
11	Which literary device is used in the sentence: "Her smile was as bright as the sun."			
	A	B	C	D
12	Which literary device is used in the line, "peter piper picked a peck of pickled peppers?"			
	A	B	C	D
13	Ali is doing his work by himself. The underlined pronoun is;			
	A	B	C	D
14	Pick the correct synonym for the word 'toss'.			
	A	B	C	D
15	The synonym of word 'calloused' is:			
	A	B	C	D
16	The sequence of events in a story is called:			
	A	B	C	D
17	Which of the following is a fact?			
	A	B	C	D
18	Choose the word with correct spelling:			
	A	B	C	D
19	Which one of the following words has a silent letter?			
	A	B	C	D
20	"They seem happy today." The underlined verb is;			
	A	B	C	D

(The End)

رول نمبر _____
وقت : 2:15 گھنٹے
کل نمبر: 40

025/1
انٹرنیشنل ایسٹ (ڈسٹ ایڈون)
پارٹ - 1 (فیڈرل پیٹرن) AJK سہ ماہی
(حصہ انشائیہ)

فہم القرآن (گروپ اول)
Fehm-ul-Quran (Group-I)

(Section-I) (حصہ اول)

Q:2- Write short answers of any ten parts. (10 x 2 = 20) کوئی سے دس اجزاء کے مختصر جوابات تحریر کریں۔ -2

ii	"حَبِيبٌ مِّنْ عِبَادِ" کا ترجمہ کریں۔ Translate "حَبِيبٌ مِّنْ عِبَادِ"	i	اللہ کی مقرب مخلوق کس کو کہا گیا ہے؟ Which creature is called closest to Allah?
iv	قرہانی کا اصل فلسفہ کیا ہے؟ What is the real philosophy of sacrifice?	iii	"سورۃ الانبیاء" مکی ہے یا مدنی ہے۔ Is the Sura-Al-Anbiya Makki or Madni.
vi	"احسن الخالقین" کا ترجمہ لکھیں۔ Translate "احسن الخالقین"	v	جالوروں کو ذبح کرتے وقت کس کا نام لیا جاتا ہے؟ Who's name is recited while slaughtering animals?
viii	"هَيْبَاتٌ هَيِّبَاتٌ لِّمَآ تُوْعَلُونَ" اس آیت کا ترجمہ لکھیں۔ Translate "هَيْبَاتٌ هَيِّبَاتٌ لِّمَآ تُوْعَلُونَ"	vii	اللہ نے حضرت موسیٰ علیہ السلام اور ان کی والدہ کو کہاں ٹھکانہ فراہم کیا؟ Where did Allah provide the shelter to Hazrat Esa (عليه السلام) and his mother?
x	"قلب سليم" سے کیا مراد ہے؟ What is meant by "قلب سليم"	ix	"وَ اللّٰهُ عَفُوٌّ رَّحِيْمٌ" کا ترجمہ لکھیں۔ Translate "وَ اللّٰهُ عَفُوٌّ رَّحِيْمٌ"
xii	حضرت صالح علیہ السلام کس قوم کی طرف مبعوث ہوئے؟ Which is the nation Hazrat Saleh (عليه السلام) was sent to him?	xi	حضرت موسیٰ علیہ السلام نے فرعون سے کس قوم کی رہائی کا مطالبہ کیا؟ For which nation Hazrat Musa (عليه السلام) demanded freedom from Firaun?
xiv	حضرت موسیٰ علیہ السلام نے کس بنیاد پر فرعون کی حکومت سے تعلق ختم کیا؟ On which ground Musa (عليه السلام) disconnected the Government of Firaun?	xiii	حضرت سلیمان علیہ السلام کے پاس کونسا پرندہ غیر حاضر تھا۔ Which was the bird who was absent from the court of Hazrat Suleman (عليه السلام)?
		xv	حضرت موسیٰ علیہ السلام نے کس کی مدد سے اللہ تعالیٰ سے وعدہ کیا؟ Who was the person, Hazrat Musa (عليه السلام) committed to Allah not to harm?



(Section II) Education with Hamza

3- درج ذیل قرآنی آیات میں سے کوئی سی چار آیات کا ترجمہ لکھیں۔ (4 x 2½ = 10)

To join, Contact: 03279305109 s of the following Quranic Verses. (4 x 2½ = 10)

- (i) وَ كَمْ لَصَفْنَا مِنْ لَدُنِي كَانَتْ طَالِمَةً وَ اَنشَاْنَا بَعْلَهَا قَوْمًا اٰخِرِيْنَ
(ii) وَ مِنَ النَّاسِ مَنْ يُّعْبَدُ اللّٰهَ عَلٰى حَرْبٍ فَاِنْ اَصَابَهُ خَيْرٌ اَطْمَآنَ بِهٖ وَاِنْ اَصَابَتْهُ فِتْنَةٌ اِنْقَلَبَ عَلٰى وُجُوْهِهٖ
(iii) قَدْ اَلَلَّحَ الْمُؤْمِنُوْنَ ۝ الْاٰلِيْنَ هُمْ فَاِىْ صَلَاتِهِمْ خٰشِعُوْنَ ۝
(iv) وَ الْاٰلِيْنَ يَمْرُؤُوْنَ الْمُخَضَّبِ ثُمَّ لَمْ يَأْتُوْا بِاَنْعَمَةٍ فَهَلَّآءُ فَاَجْلِدْهُمْ لَعْنِيْنَ جَلِيْدًا
(v) وَ كَالَّذِيْنَ كَفَرُوْا اِنْ هٰذَا اِلَّا اِنَّكَ ۝ الْعَرَبِيَّةُ وَ اَعَانَهُ عَلَيْهِ قَوْمٌ اٰخِرُوْنَ
(vi) اَوْ لَمْ يَمْرُوْا اِلَى الْاَرْضِ كَمْ اَسْتَبَحْنَا فِيْهَا مِنْ كُلِّ زَوْجٍ كَرِيْمٍ

4- درج ذیل سوالات میں سے کوئی سے دو سوالوں کے تفصیلی جواب تحریر کیجیے۔ (10 = 5 x 2)

4- Write detailed answers to any two of the following questions. (5 x 2 = 10)

ii	حضرت نوح علیہ السلام کی دعوت اور ان کی قوم پر آنے والے طوفان کا احوال اپنے الفاظ میں لکھیں۔ Write in your own words the story of Noah's (عليه السلام) preaching and the storm that came upon his people.	i	مشرکین کس نے نبی کریم ﷺ کی نبوت اور قرآن مجید پر کیا اعتراضات کیے؟ What objections did the polytheists of Makkah raise against the Prophethood of the Holy Prophet (PBUH) and the Holy Quran?
iv	حضرت موسیٰ علیہ السلام کے مدینہ منورہ پہنچنے اور قیام کا تفصیلی احوال لکھیں۔ Write in detail the incident of Hazrat Musa's (عليه السلام) arrival and stay in Madyan.	iii	"سورہ النور" کی روشنی میں دوسروں کے گھروں میں داخل ہونے کے آداب و احکام بیان کیجیے۔ Explain the manners and rules of entering other people's houses according to Surah Al-Noor.

(ختم شد)

رول نمبر

فہم القرآن (گروپ اول) (☆☆☆) (Feham-ul-Quran)

جمالی کالج کاسیریل نمبر

انٹرنیٹ سینٹر (فرسٹ اینڈ پارٹ-1) 025/1 (حصہ معروضی) AJK سلیس (انڈرل پیپر)

دستخط امیدوار

فرضی رول نمبر (دفتری استعمال کیلئے)

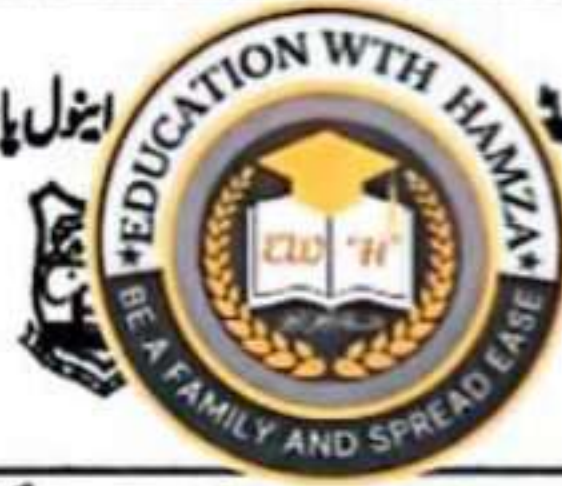
دستخط نائب ناظم مرکز

وقت : 15 منٹ

کل نمبر: 10

AJK سلیس (انڈرل پیپر)

اینڈ پارٹ-1) 025/1 (حصہ معروضی)



فہم القرآن (گروپ اول)
(Feham-ul-Quran)
(☆☆☆)

Note: Write your Roll Number in space provided. Over-writing, Using of It To join, Contact: 03279305109

1- ہر سوال کے دیئے ہوئے چار ممکنہ جوابات میں سے درست جواب پر ص (✓) کا نشان لگائیں۔ (10)

1- Each question has four possible answers, Tick (✓) the correct answer. (10)

نمبر	سوالات Questions	A	B	C	D
1	سورہ نمل میں مجوزے کے لیے لفظ آیا۔ In Surah Namal the word for miracle is mentioned.	ایبۃ	آبۃ	حیۃ	نور
2	ملکہ سبا کی قوم پر جا کرتی تھی۔ Queen Saba's nation was worshiper of.	آگ کی	پانی کی	چاند کی	سورج کی
3	"الغالفات" سے مراد ہے۔ The meaning of "الغالفات" is	جھگڑا لڑ خواتین	گھر لڑ خواتین	مصدقہ خواتین	بڑھی خواتین
4	"فیتجا بنا سُبُلًا" کا معنی ہے۔ The meaning of "فیتجا بنا سُبُلًا" is.	کشاہ راستے	تنگ راستے	لید راستے	مختصر راستے
5	"الْمُعْتَبِينَ" سے مراد ہے۔ "الْمُعْتَبِينَ" means.	نا فرمان	فرما تہر دار	عاجزی والے	سرکش
6	ہر جاندار کی تخلیق کا ابتدائی مادہ ہے۔ Primary substance of every living being is.	پانی	آگ	ہوا	مٹی
7	کشتی پر سوار ہونے کے بعد حضرت نوحؑ نے کہا۔ Noah (علیہ السلام) said after boarding the boat.	لَا إِلَهَ إِلَّا اللَّهُ	اللہ اکبر	سبحان اللہ	الحمد لله
8	شوہر بیوی پر تہمت لگائے تو کون سا شرعی قانون جاری ہوتا ہے؟ If the husband slanders his wife, which sharia law is applied?	رجم کا	لجان کا	ایلاء کا	تہار کا
9	"موبہات" کا مطلب ہے۔ The meaning of "موبہات" is.	تباہ کن	تیران کن	فیصلہ کن	پریشان کن
10	عربی میں نابینا شخص کو کہتے ہیں۔ A blind person is called in Arabic.	اہکم	اعرج	اعنم	اعمش

(ختم شد)

To join group, Contact: 03279305109 Jawad Mir

Group: Education With Hamza

NOT FOR SALE

(Section-I) (حصہ اول)

Q:2- Write short answers of any ten parts. (10 x 2 = 20) کوئی سے دس اجزاء کے مختصر جوابات تحریر کریں۔

ii	"أَخَذَاتُ آخِلَامٍ" کا ترجمہ کریں۔ Write the meaning of "أَخَذَاتُ آخِلَامٍ"	i	فرشتے کن امور میں مصروف رہتے ہیں؟ What are the activities of angels?
iii	قریبانی کا اصل فلسفہ کیا ہے؟ What is the real philosophy of sacrifice?	iii	"شعائر اللہ" سے کیا مراد ہے؟ What is meant by "شعائر اللہ"؟
vi	کامیاب مومنین کی چار صفات تحریر کریں۔ Write four characteristics of successful believers.	v	حضرت عیسیٰ علیہ السلام اور ان کی والدہ کو کہاں ٹھکانا دیا گیا؟ Where was Hazrat Esa (علیہ السلام) and his mother provided accommodation?
viii	سورہ نور کی روشنی میں اشاعت فواحش کا انجام لکھیں۔ Write the accomplishment of spreading lewdness according to Surah-Al-Noor.	vii	"لعان" سے کیا مراد ہے؟ What is meant by "لعان"؟
x	حضرت سلیمان علیہ السلام کے ملکہ سبا کو بھیجے گئے خط کا مفہوم بیان کریں۔ Describe the meaning of Hazrat Suleman's (علیہ السلام) letters to Queen of Saba.	ix	قوم لوط پر کیسا عذاب آیا تھا؟ Which type of punishment came upon the people of Loot?
xii	"قلب سلیم" سے کیا مراد ہے؟ What is meant by "قلب سلیم"؟	x	حضرت صالح علیہ السلام کی تبلیغ پر ان کی قوم کا رد عمل واضح کریں۔ Explain the reaction of the people to the preaching of Saleh (علیہ السلام)
xiv	"لَوْ أَرَدْنَا أَنْ نَتَّخِذَ لَهْوًا لَا تَخْلُدُ مِنْ لَدُنَّا" کا مفہوم تحریر کریں Write the meaning of "لَوْ أَرَدْنَا أَنْ نَتَّخِذَ لَهْوًا لَا تَخْلُدُ مِنْ لَدُنَّا"	xiii	فرعون کے غرق ہونے کا واقعہ مختصراً بیان کریں۔ Briefly describe the incident of Pharaoh's drowning.
		xv	"سورج" کی رو سے قیامت کی ابتدائی کیفیت لکھیں۔ Write the initial state of the day of Resurrection from Surah Hajj.

(Section-II) (حصہ دوم)

3- درج ذیل قرآنی آیات میں سے کوئی سی چار آیات کا ترجمہ لکھیں۔ (4 x 2½ = 10)

3- Translate the following Quranic Verses. (4 x 2½ = 10)



To join, Contact:
03279305109

- (i) اَلْعَرَبُ لِلنَّاسِ جِنَابُهُمْ وَهُمْ فِي غَفْلَةٍ مُعْرِضُونَ ۝
(ii) وَقَرَى النَّاسَ سُكْرَىٰ وَمَا هُمْ بِسُكْرَىٰ وَلَٰكِنَّ عَذَابَ اللَّهِ شَدِيدٌ ۝
(iii) وَاللَّيْنِ هُمْ لِلزُّكُورِ فَاعِلُونَ ۝ وَاللَّيْنِ هُمْ لِفُرُوجِهِمْ حَافِظُونَ ۝
(iv) اَلزَّابِقَةُ وَالزَّابِقَةُ لَاجِبِلُوا كُلُّ وَاحِدٍ قِنْدِهَا مِائَةُ جَلْدَةٍ ۝
(v) وَ اِذْ نَادَىٰ رَبُّكَ مُوسَىٰ اِنَّ اَنْتَ الْقَوْمَ الظَّالِمِيْنَ
(vi) وَقَالُوا مَالِ هٰذَا الرَّسُولِ يَأْكُلُ الطَّعَامَ وَيَمْشِي فِي الْاَسْوَاقِ ۝

4- درج ذیل سوالات میں سے کوئی سے دو سوالوں کے تفصیلی جواب تحریر کیجیے۔ (10 = 5 x 2)

4- Write detailed answers to any two of the following questions. (5 x 2 = 10)

ii	کن صفات کے حامل مومن کامیابی اور جنت کے مستحق ہوں گے۔ Describe the Attributes which lead the believers to achieve success and Jannah.	i	سورۃ الانبیاء کا تعارف لکھیں۔ Write down the introduction of Sura-Al-Anbya.
iii	سورۃ النور کی روشنی میں حضرت سلیمان علیہ السلام کا قصہ بیان کریں۔ Describe the story of Hazrat Suleman (علیہ السلام) in the light of Sura-Al-Nuul.	iii	

(ختم شد)



نوٹ: اپنا رول نمبر اور دستخط اسی پر چسپ دی گئی جگہ پر لکھیں۔
Note: Write your Roll Number in space provided. Over-writing, Using of lead pencil will result in disqualification. All questions are to be attempted.

1- ہر سوال کے دیئے ہوئے چار ممکنہ جوابات To join, Contact: 03279305109
ہر پرکھ (✓) کا نشان لگائیں۔ (10)

Each question has four possible answers, Tick (✓) the correct answer. (10)

نمبر شمار	سوالات Questions	جوابات Answers	د D	ج C	ب B	ا A
1	ہر زندہ چیز کی تخلیق کا ابتدائی مادہ ہے۔ The basic material of every living being is.	پانی Water	ہوا Air	آگ Fire	مٹی Soil	
2	"آیام مغلوبات" سے مراد ہے۔ What is meant by "آیام مغلوبات"	روزے رکھنے کے دن Days of Fasting	سردیوں کے دن Winter Days	چٹیوں کے دن Holidays	حج اور قربانی کے دن Days of Hajj and slaughter	
3	"قَوْمًا عَالِيَيْنَ" سے مراد ہے۔ "قَوْمًا عَالِيَيْنَ" means.	اجنب لوگ Foolish people	سکھ لوگ Rebellious people	ست لوگ Lazy people	جانل لوگ Ignorant people	
4	واقعہ "اُفک" پیش آیا۔ The incident of "اُفک" was occurred.	غزوہ احد کے بعد After Ghazwah Ohad	غزوہ بدر کے بعد After Ghazwah Badar	غزوہ خندق کے بعد After Ghazwah Khandaq	غزوہ بنی Mustafa کے بعد After Ghazwah Bni Mustafaq	
5	"بخافون" کا ترجمہ ہے۔ Translation of "بخافون" is	وہ ڈرتے ہیں They fear	وہ پڑھتے ہیں They read	وہ لکھتے ہیں They write	وہ روتے ہیں They weep	
6	ترتیب تلاوت میں "سورۃ الفرقان" کا نمبر ہے۔ In the order of recitation the number of Sura-Al-Furqan "سورۃ الفرقان" is.	22nd	5th	24th	23rd	
7	سورۃ النمل میں معجزہ کے لیے لفظ آیا ہے۔ The word appears for miracle in Sura-Al-Naml is.	سورۃ	آیۃ	عاملہ	آیۃ	
8	"أَطِيعُونِ" کے معنی ہیں۔ "أَطِيعُونِ" means.	میری مدد کرو Help me	میرا احترام کرو Respect me	مجھ سے محبت کرو Love me	میری اطاعت کرو Obey me	
9	"سِخْرٌ" کے معنی ہیں۔ "سِخْرٌ" means.	خواب Dreem	جادو Magic	دھوکا Decept	کھیل Play	
10	ہر رسول کی دعوت کے دو حصے ہیں ایک اللہ کی عبادت اور دوسرا۔ The preaching of every Prophet contains of two parts, worship of Allah and.	اطاعتِ حکام Obey to Rulers	اطاعتِ اساتذہ Obey to Teachers	اطاعتِ رسول Obey to Prophet	اطاعتِ والدین Obey to parents	

(ختم شد)

BIOLOGY

Class : 11th
(SUBJECTIVE PART)

25/01

INTERMEDIATE
(NEW FEDERAL SCHEME CURRICULUM 2022-23)

(First Annual)

Marks : 68

TIME : 2:35 Hours

Note:- Answer all parts from Section "B" and all questions from Section "C" on the E-sheet.
Write your answers on the allotted/given spaces.

SECTION – B

2- Attempt all parts from the following.

(14 x 3 = 42)

i	How does primary wall differ from secondary wall?	1.5+1.5	OR	How do hydrophytes osmoregulate?	03
ii	Give functions of accessory pigments (carotenoids)	1+1+1	OR	How does enzyme lower the activation energy?	1+1+1
iii	Differentiate between protostome and deuterostome series.	1.5+1.5	OR	What are okazaki fragments? How these are produced at lagging strand? Give an example.	1+1+1
iv.	How does change in PH causes denaturation of enzyme?	03	OR	Distinguish between prions and viroids.	1.5+1.5
v.	What are prostaglandins? Give their two roles.	1+2	OR	Write down three benefits of bacterial flora to humans.	1+1+1
vi.	What are waxes? Also give it's types.	1+1+1	OR	Why sphenopsids are known as arthropytes? Also give an example.	2+1
vii.	Distinguish between fibrous proteins and globular proteins.	1.5+1.5	OR	What is active site? Also differentiate between binding and catalytic site.	1+1+1
viii.	What is the significance of alternation of generation in plants?	03	OR	Differentiate between primary succession and secondary succession.	1.5+1.5
ix.	Write down the role of corpus luteum in menstrual cycle?	03	OR	How does menarch differ from menopause?	03
x.	What is Bombay phenotype?	03	OR	How harmful mutations have been eradicated by nature. Explain it.	03
xi.	Describe the formation of nucleosome string as a first level of organization of chromosome.	03	OR	Differentiate between homologous and analogous organs with examples.	1.5+1.5
xii.	What is Neo-darwinism?	03	OR	Write any three differences between monocot and dicot plants.	1+1+1
xiii.	Differentiate between chlorophyll 'a' and chlorophyll 'b'.	1.5+1.5	OR	Briefly describe inheritance of acquired characteristics of Lamarckism.	03
xiv.	Differentiate between Histoplasmosis and Aspergillosis.	1.5+1.5	OR	Give three basic characteristics of chordates.	1+1+1

SECTION – C (Marks-26)

Note:- Attempt all questions. Marks of each question are given along with each question.

3-	Draw the labelled ultrastructure of animal and plant cells. (OR) What is phenylketonuria? Describe its symptoms, causes and possible treatment.	(3.5+3.5=07) (1+2+2+2=07)
4-	What is RNA? Write down the types of RNA. (OR) Describe Green House effect. Write consequences of Green House gases.	(1+2+2+2=07) (2+1+0.5x8=07)
5-	Discuss different steps in life cycle of HIV. (OR) Define Ascent of Sap. Discuss the mechanism of Ascent of Sap.	(06) (1+5=06)
6-	Illustrate links reaction as conversion of pyruvate to Acetyl-co-A. Also draw it's diagram. (OR) Explain epistasis with reference to the inheritance of coat colour in Labrador retriever.	(2+2+2=06) (1+5=06)

Sheet No.

Roll No.

BIOLOGYClass – 11th

25/01

(INTERMEDIATE)

(OBJECTIVE PART)

(NEW FEDERAL SCHEME CURRICULUM 2022-23)

Marks: 17

Time: 25 Minutes

Section – A

Version No.

①○○○○

(First Annual)

Note: Version number of objective paper must be filled in the bubble sheet.

Section – A is compulsory. All parts of this section are to be answered in the bubble sheet and handed over along with objective question paper to the Centre Superintendent. Overfilling/overwriting is not allowed. Do not use lead pencil.

1- Fill the relevant bubble against each part according to curriculum.

(17)

1	Self eating process of cells is called;							
	A	Autolysis	B	Autophagy	C	Phagocytosis	D	Pinocytosis
2	Which pair of Nitrogen bases Present In DNA molecule;							
	A	A-U	B	G-U	C	A-C	D	A-T
3	Group of monosaccharides consists of five carbon atoms are called;							
	A	Tetroses	B	Pentoses	C	Hexoses	D	Heptoses
4	Hepatitis D in man caused by;							
	A	Virus	B	Bacteria	C	Viroid	D	Prions
5	Which is the correct molecular formula of chlorophyll 'a';							
	A	$C_{55}H_{72}O_5N_4Mg$	B	$C_{55}H_{70}O_5N_4Mg$	C	$C_{55}H_{72}O_7N_4Mg$	D	$C_{55}H_{72}O_8N_4Mg$
6	Escherichia coli is a parasite found in;							
	A	Mouth	B	Vagina	C	Nose	D	Nasopharynx
7	Fungi are essential for;							
	A	Decomposers	B	Primary consumers	C	Producers	D	Secondary consumers
8	Combination of Apoenzyme and coenzymes produces;							
	A	Prosthetic group	B	Holoenzymes	C	enzymes	D	Isoenzymes
9	How many major blood group systems found in human according to international society of blood transfusion;							
	A	20	B	30	C	40	D	50
10	What is the percentage for blood group 'O' individuals if their parents carrying blood group 'A';							
	A	25	B	50	C	75	D	100
11	Primer is synthesized by enzyme;							
	A	Helicase	B	Primase	C	Polymerase	D	Ligase
12	Who collected 14 types of finches from Galapagos;							
	A	Lamarck	B	Malthus	C	Darwin	D	Lyell
13	Member of a species living in a geographical region at a given time;							
	A	Species	B	Community	C	Eco system	D	Population
14	Gametophyte of bryophyte is;							
	A	Haplod	B	Diplod	C	Triplod	D	Tetraplod
15	Presence of succulent leaf is characteristics of plants;							
	A	Hydrophytes	B	Mesophytes	C	Thallophytes	D	Xerophytes
16	Radula is structure found in;							
	A	Fish	B	Snail	C	Frog	D	Sea anemone
17	Egg formation process in living organism is called;							
	A	Oogenesis	B	Spermatogenesis	C	Gametogenesis	D	Sporogenesis

(The End)



2- Attempt all questions.

(12 x 4 = 48)

i	Write $3 - i\sqrt{3}$ in polar form.	OR	If $ \vec{a} = 2; \vec{b} = 5$ and $ \vec{a} \times \vec{b} = 8$ then find $\vec{a} \cdot \vec{b}$
ii	Prove $\cos^4 x - \sin^4 x = 1 - 2\sin^2 x$	OR	How many different signals can be made with 2 blue, 3 yellow and 4 green flags using all at a time.
iii	If $z = x + iy$ and $\arg\left(\frac{z-1}{z+1}\right) = \frac{\pi}{2}$ show that $x^2 + y^2 = 1$	OR	Write the domain and range of $y = 7\cos 4x$
iv	Find the zeros of the polynomial $2x^3 + x^2 - 2x - 1$	OR	Which term of the sequence $\frac{5}{2}, \frac{3}{2}, \frac{1}{2}, \dots$ is $-\frac{105}{2}$?
v	What is the period of $y = \cot 4x + \sin \frac{5x}{2}$	OR	The fifth term of A.P is 19 and 11 th term of Arithmetic sequence is 43. Find 87 th term and 1 st term.
vi	Find the sum of all multiples of 4 that are between 14 and 523.	OR	Change $\cos 23^\circ \sin 17^\circ$ into sum or difference formula.
vii	If A is of order 3x3 such that $ adj A = 64$ then find $ A^{-1} $	OR	If $\alpha + \beta + \gamma = 180^\circ$ prove that $\tan \alpha + \tan \beta + \tan \gamma = \tan \alpha \tan \beta \tan \gamma$
viii	Sum the series $2^2 + 5^2 - 8^2 + \dots$ up to n terms.	OR	Find the maximum and minimum value of reciprocal trigonometric function $y = \frac{1}{4 + 3\sin \theta}$
ix	Expand $\left(\frac{2x}{3} - \frac{3}{2x}\right)^5$ by binomial theorem.	OR	$\begin{bmatrix} xy & 4 \\ 0 & x+y \end{bmatrix} = \begin{bmatrix} 8 & z \\ t & 6 \end{bmatrix}$ then find the value of t, z & $x^2 + y^2$
x	If $z_1 = -3 + 2i$ and $z_2 = 1 - 3i$ then verify $z_1 + z_2 = \overline{z_1} + \overline{z_2}$	OR	How many 4 digits number can be formed with digits 1,2,3,4,5,6 when the repetition of the digits is allowed?
xi	Prove the inequality $n^3 > 2n + 1 \forall n \geq 2$ by using method of mathematical induction.	OR	Factorize $2x^3 - 15x^2 + 27x - 10$ if $\frac{1}{2}$ is one of its zero.
xii	If $A = \begin{bmatrix} 1 & 2 & 6 \\ 0 & 1 & 2 \\ -1 & 3 & 0 \end{bmatrix}$ Find A_{21}, A_{22}, A_{23} and also find $ A $	OR	Expand $\frac{3+x}{3-x}$ up to three terms also find the value of x for which series is convergent.

(Section-C)

Note: Attempt all questions.

(4x8=32)

3-	The volume of a drinking water bottle is 120 cubic centimeters. The bottle is 7cm longer than it is tall and 3cm short than it is tall. Find the dimension of the bottle.	OR	Prove that angle bisectors of a triangle are concurrent.
4-	Identify as a binomial series and find the sum of the following $1 - \frac{1}{15} + \frac{4}{2! \cdot 15^2} - \frac{4 \cdot 7}{3! \cdot 15^3} + \dots$	OR	Find exact values of $\sin \theta, \cos \theta$ and $\tan \theta$ if $\cos 2\theta = -\frac{7}{25}$, 2θ is in Q.III.
5-	Solve the system of linear equation by Cramer's rule $2x_1 + x_2 + 3x_3 = 1$ $x_1 - 2x_2 + x_3 = 2$ $3x_1 - 4x_2 - x_3 = 4$	OR	Out of 5 men and 3 women, a committee of 3 is to be formed. In how many ways can it be formed if at least one man is selected?
6-	Use the method of difference, find the sum of the series. $1 + 4 + 8 + 14 + 24 + 42 + 76 + \dots$ to n terms.	OR	Solve the simultaneous system of linear equations with complex variable. $(1-i)z + (1+i)w = 3$ $2z - (2+5i)w = 2+3i$

(The End)

Answer Sheet No.

MATHEMATICS 25/01
Class 11th (OBJECTIVE PART)
(INTERMEDIATE)

(First Annual)
★
(Federal Pattern)

Roll No.

Sign. Dy. Supdt.

Fictitious Roll No. (For Office Use)
(NEW FEDERAL SCHEME CURRICULUM 2022-23)

Sign. Candidate

MATHEMATICS
(PART -I) (Section-A)
(OBJECTIVE PART)

25/01
(INTERMEDIATE)
(Federal Pattern)



(First Annual)

Marks : 20

Time : 25 Minutes

(NEW FEDERAL SCHEME CURRICULUM 2022-23)

Note:- Write your Roll No. in space provided. Over writing, cutting, using of lead pencil will result in loss of marks. All questions are to be attempted.

1- Each question has four possible answers, Tick (✓) the correct answer. (20)

1	Magnitude of a complex number Z is the distance of Z from _____							
	A	(0,0)	B	(1,0)	C	(0,1)	D	(1,1)
2	The value of $(\sqrt{-25})(\sqrt{-4})$ is _____							
	A	10	B	-10	C	10i	D	-10i
3	If A is a square matrix of order 3×3 and $ A =3$ then $ \text{adj}A $ _____							
	A	3	B	1/3	C	6	D	9
4	If order of A is $m \times n$ and order of B is $n \times p$, then order of AB is _____							
	A	$n \times p$	B	$m \times p$	C	$p \times m$	D	$n \times n$
5	For any two square matrices A and B , $(AB)^{-1} = ?$							
	A	AB^{-1}	B	BA^{-1}	C	$B^{-1}A^{-1}$	D	$A^{-1}B^{-1}$
6	If α, β, γ are direction angles of a vector \underline{y} , then $\cos^2 \alpha + \cos^2 \beta + \cos^2 \gamma =$ _____							
	A	1	B	2	C	3	D	4
7	If $ a+b = a-b $, then _____							
	A	$ a = b $	B	$a \perp b$	C	$a \parallel b$	D	$a = b \neq 0$
8	The n th term of the sequence 3, 9, 27, 81, is;							
	A	2^n	B	$(-2)^n$	C	$(-1)^n 3^n$	D	3^n
9	For the series $0.1+0.01+0.001+\dots$, the sum is _____							
	A	9	B	$\frac{10}{9}$	C	$\frac{9}{10}$	D	$\frac{1}{9}$
10	-2 is zero of _____							
	A	x^3+7x+6	B	x^3-7x-6	C	x^3-7x+6	D	x^2+7x+6

(P.T.O)



11	If $f(x)$ is divided by $x-2$, then remainder is 12. What is $f(2)$?							
	A	-12	B	-2	C	12	D	0
12	$\frac{(n-1)!}{(n-2)!} = ?$							
	A	n	B	$n+1$	C	$n-1$	D	$n-2$
13	If ${}^nC_4 = {}^nC_{10}$, then $n =$ _____							
	A	10	B	12	C	14	D	16
14	${}^{11}C_0 + {}^{11}C_2 + {}^{11}C_4 + \dots + {}^{11}C_{10} =$ _____							
	A	2^{11}	B	2^{12}	C	2^{10}	D	2^{11-1}
15	The co-efficient of x^n in the expansion of $(1+x+x^2+\dots)^n$, where n is even number is _____							
	A	1	B	-1	C	n	D	$n+1$
16	$\sin \frac{\theta}{3} \cos \frac{\theta}{6} + \cos \frac{\theta}{3} \sin \frac{\theta}{6} = ?$							
	A	$\cos \frac{\theta}{2}$	B	$\cos \frac{7\theta}{2}$	C	$\sin \frac{\theta}{2}$	D	$\sin \frac{7\theta}{2}$
17	$\tan \left(\frac{\pi}{6} + \frac{\pi}{4} \right) = ?$							
	A	$\frac{\sqrt{3}-1}{\sqrt{3}+1}$	B	$\frac{\sqrt{3}+1}{\sqrt{3}-1}$	C	$\sqrt{3}+1$	D	$\sqrt{3}-1$
18	$\tan \left(\frac{\pi}{2} + \theta \right) = ?$							
	A	$\cot \theta$	B	$-\cot \theta$	C	$\tan \theta$	D	$-\tan \theta$
19	$\cos^2 3x - \sin^2 3x = ?$							
	A	$\sin 6x$	B	$-\sin 6x$	C	$\cos 6x$	D	$-\cos 6x$
20	The period of $\sin 3x$ is _____							
	A	$\frac{2\pi}{3}$	B	$\frac{3\pi}{2}$	C	$\frac{\pi}{3}$	D	3π

(The End)

To join group, Contact: 03279305109



To join, Contact: 03279305109

Group: Education With Hamza

SECTION - B (Marks 42)

2- Attempt all parts from the following.

(14 x 3 = 42)

i	Discuss vertical and horizontal trends of electron affinity.	1.5+1.5	OR	Why cation is always smaller and anion is bigger than parent atoms.	1.5+1.5
ii	Describe the synthesis of aldehydes and ketones from alcohols. Give chemical reactions.	1.5+1.5	OR	Differentiate between amorphous and crystalline solids.	1.5+1.5
iii	How following conversions can be made? (a) Ethane to chloroethane (b) Ethanol to Iodoethane (c) Ethene to 1,2-Dibromoethane	1+1+1	OR	Explain thermal stability trend of Hydrogen halides. HF > HCl > HBr > HI	3
iv	Calculate the entropy change for the following reaction. $X + 3Y \rightarrow 2Z$ $S^\circ(X) = 45 \text{ KJmol}^{-1}$ $S^\circ(Y) = 68 \text{ KJmol}^{-1}$ $S^\circ(Z) = 106 \text{ KJmol}^{-1}$	3	OR	Calculate the amount of SO ₂ formed in dm ³ when 750cm ³ SO ₂ reacts with excess of oxygen.	3
v	Define bond energy. Discuss why theoretically calculated bond energy of H - Cl is lower than experimentally found value.			Predict the shape of following molecules (a) AlCl ₃ (b) H ₂ S (c) PI ₅ Use VSEPR concept.	3
vi	Predict the major products when propene is reacted with (a) HBr (b) H ₂ O (c) O ₃			Analyze the formation of dative bond in carbon monoxide (CO) Ozone (O ₃) and H ₃ O ⁺ ion.	1+1+1
vii	An organic compound (A) with a molecular formula C ₂ H ₄ O oxidizes to (B) which further oxidizes to compound (C). Identify the structures of A, B and C.	1+1+1	OR	Define catenation. Explain its importance in organic chemistry.	1+2
viii	Explain the role of NO and NO ₂ in the formation of Photo chemical smog, specifically in reaction with unburned Hydrocarbons to form PAN.	3	OR	Describe that the trends in metallic and non metallic behaviour are due to the trends in valence electrons.	3
ix	Describe the shapes of s, p, and d orbitals.	1+1+1	OR	State Le Chatelier's principle. Describe how change in temperature affects the position/direction of equilibrium.	1+2
x	How can you bring the following conversion show chemical reactions Methane (CH ₄) → Ethanoic acid (CH ₃ COOH)	3	OR	Describe the order of basicity of amines. Sec. Amine > pri. Amine > NH ₃	3
xi	Write the electronic configuration of the following. ₂₄ Cr, ₂₀ Ca ²⁺ , ₁₇ Cl ¹⁻	1+1+1	OR	The solubility product constant (K _{sp}) of PbSO ₄ is 1.96 x 10 ⁻⁸ . Calculate the solubility of PbSO ₄ .	3
xii	Define ionization energy. Explain how spin pair repulsion and nuclear charge affect the ionization energy.	3	OR	Describe following processes as exothermic or endothermic, with reason. (a) Boiling of water. (b) Sublimation of NH ₄ Cl (c) Decomposition of CaCO ₃ .	1+1+1
xiii	Define Electronegativity. Describe how electro negativity explains nature of a chemical bond?	1+2	OR	What volume N ₂ gas will occupy, if it has 56g.	3
xiv	Explain why does high air humidity make it feel hotter?	3	OR	Calculate the pH of solution containing 3g of HNO ₃ per dm ³	3

Education with Hamza

Note: Attempt all questions.

question.

3-	a) Discuss the effect of temperature on the rate of reaction. b) Draw energy diagram which shows the effect of catalyst on activation energy. Also give one example in support of your answer.	3+3	OR	How much mass of excess reactant left after 40.5g of aluminum metal reacts with 196g of H ₂ SO ₄ ?	6
4-	How can you convert? (i) Ethanoic acid into ethanol. (ii) Ethanoic acid into ethyl acetate. (iii) Chloromethane into ethanoic acid. (iv) Alkyl nitrile into carboxylic acid.	6	OR	What is law of mass action? Derive expression for equilibrium constant K _c for reversible reaction.	2+4
5-	Why alkene is more reactive than alkanes? Explain the following reactions of alkenes? (a) Hydration (b) Halogenation (c) Polymerization	1+2+2	OR	a) Describe B-elimination reaction? b) Write reaction of alkyl halides with the following. (a) NaOH (b) KCN (c) NH ₃ (d) AgNO ₃	3 4
6-	a) How will you distinguish between methanol and ethanol? Discuss in detail with the help of chemical equation. b) How does ethanol react with: (i) SOCl ₂ (ii) HCl (iii) H ₂ SO ₄ (iv) KBr	3 4	OR	Define Atomic orbital hybridization. Explain the structure of H ₂ O molecule on the basis of hybridization.	2+5

(The End)

1- Fill relevant bubble against each part according to curriculum.

1	Bond order of N_2 is;							
A	0	B	1	C	2	<input checked="" type="checkbox"/> D	3	
2	Which of the following elements has lowest electron affinity;							
A	F	B	Cl	C	Br	<input checked="" type="checkbox"/> D	I	
3	An aqueous solution of ammonium chloride is;							
<input checked="" type="checkbox"/> A	Acidic	<input checked="" type="checkbox"/> B	Basic	C	Neutral	D	Amphoteric	
4	General formula for secondary amine is;							
A	RNH_2	<input checked="" type="checkbox"/> B	$RNHR$	C	NH_3	D	$RCONH_2$	
5	Conversion of ester into carboxylic acid and alcohol is called;							
A	Condensation	B	Elimination	<input checked="" type="checkbox"/> C	Hydrolysis	D	Reduction	
6	Carboxylic acids react with metal to form salts with the evolution of;							
A	CO_2	<input checked="" type="checkbox"/> B	H_2	C	CO	D	CH_4	
7	Which subshell can hold a maximum of 10 electrons;							
A	s	B	p	<input checked="" type="checkbox"/> C	d	D	f	
8	Test is used for distinguishing methyl Ketones from other Ketones;							
A	Fehling test	B	Tollen's test	<input checked="" type="checkbox"/> C	Iodoform test	D	Benedict's test	
9	When 1 mole of each of the following is completely burnt in oxygen, which will give the greater mass of CO_2 .							
A	CO	B	Methane	<input checked="" type="checkbox"/> C	Ethane	D	Diamond	
10	Unit of rate of reaction is;							
<input checked="" type="checkbox"/> A	$mol\ dm^{-3}$	B	$mol\ dm^3$	<input checked="" type="checkbox"/> C	$mol\ dm^{-3}\ s^{-1}$	D	$mol\ dm^3\ s^{-1}$	
11	Reactions with high activation energy are usually;							
A	Fast	<input checked="" type="checkbox"/> B	Slow	C	Exothermic	D	Reversible	
12	Born Haber cycle is used to determine lattice energies of;							
<input checked="" type="checkbox"/> A	Ionic solids	B	Molecular solids	C	Covalent solids	D	Metallic solids	
13	When ice melts, the entropy of the system;							
A	Decreases	<input checked="" type="checkbox"/> B	Increases	C	Remains same	<input checked="" type="checkbox"/> D	Zero	
14	One mole of any gas at STP occupies a volume of;							
A	$22.414\ cm^3$	B	$2241.4\ dm^3$	C	$224.14\ dm^3$	<input checked="" type="checkbox"/> D	$22.414\ dm^3$	
15	Dehydration of propan-1-ol gives;							
A	Propane	<input checked="" type="checkbox"/> B	Propene	C	Propanal	D	Propanone	
16	Reagent used to reduce aldehyde into alcohol is;							
A	$K_2Cr_2O_7$	B	$KMnO_4$	C	NaOH	<input checked="" type="checkbox"/> D	$LiAlH_4$	
17	When ozone is added into the ethen the end product obtained is;							
A	Methanol	<input checked="" type="checkbox"/> B	Ethanol	C	Propanone	D	Acetic acid	

(The End)



To join, Contact:
03279305109

To join group, Contact: 03279305109 Jawad Mir

Group: Education With Hamza

SECTION – B (Marks 42)

2- Attempt all parts from the following. (14 x 3 = 42)

i	Define atomic radius? How does it vary in the period of periodic table? ✓	1+2	OR	Illustrate the variation in oxidation numbers of oxides of element of 3 rd period.	3
ii	Write down the chemical equation for hydrolysis of ester in acidic and basic medium.	1.5+1.5	OR	Define surface tension. Give its unit. How does intermolecular forces effect surface tension? ✓	1+1+1
iii	Describe the B-elimination reaction with the help of mechanism.	1+2	OR	Briefly discuss the reactivity of halogens toward hydrogen gas. Also give its trend down the group. ✓	1.5+1.5
iv	For a reaction, $X + 2Y \rightarrow Z$, S° for X, Y and Z are 40 KJ/mol, 50KJ/mol and 100KJ/mol respectively. Calculate ΔS° for the given reaction. ✓	3	OR	Calculate the number of moles in 224.14 cm ³ of H ₂ gas at STP. ✓	3
v	BeF ₂ is linear in shape while SO ₂ is angular. Although both of them are triatomic molecule. Justify. ✓		OR	Define lattice energy. How does ionic charge effect lattice energy.	1+2
vi	Give products of hydrobromination of a) Propene (b) But – 2 – ene.		OR	Define evaporation. How does it cause cooling? ✓	1+2
vii	How ethanol can be prepared form (a) alkene (b) carboxylic acid		OR	Define functional groups. Write down the name and formulae of two oxygen containing function groups. ✓	3
viii	a) How peroxyacyl radical is transformed into PAN? b) How does PAN cause pollution?		OR	Define electron affinity. How does nuclear charge effect electron affinity? ✓	1.5+1.5
ix	Define quantum numbers. Briefly discuss principle quantum number. ✓	1+2	OR	Enlist three conditions for a chemical equilibrium. Using K _c ✓	1+1+1
x	How can you distinguish between primary and secondary alcohol. Give a chemical test?	1.5+1.5	OR	a) Methyl amine is liquid at room temperature but CH ₃ Cl is gas. Justify? ✓ b) Describe why Amines are soluble in water. ✓	1.5+1.5
xi	Atomic number of an element 'X' is 2. Write down the value of four quantum numbers for its two electrons.	1.5+1.5	OR	The solubility of an hypothetical compound AB is 2.0 x 10 ⁻⁵ M at 25°C. Calculate its K _{sp} . ✓	3
xii	Define (n+l) rule. Arrange the following orbitals in the increasing order of their energies. (a) 5s (b) 3d (c) 1s (d) 4f ✓	1+2	OR	Define entropy. How does change in temperature effect entropy of a system explain with example. ✓	1+2
xiii	Define hydrogen bonding. Why ice floats on water.	1+2	OR	Calculate the gram molecular mass of a gas which has a density of 1.43g/dm ³ at STP. ✓	3
xiv	Define vacuum distillation. Give its significance.	1.5+1.5	OR	Define common ion effect. How does it help in purification of common salt? ✓	1+2

Section – C (Marks 26)

Note: Attempt all questions. Marks of each question are given along with each question.

3-	The rate of reaction for a following reaction is given in table. Illustrate the rate of reaction.	6	OR	Calculate molecules of H ₂ O produced by 500 molecules each of H ₂ and O ₂ . Which one is the limiting reactant? How much reactant is left unreacted? ✓	6																				
	<table border="1"> <thead> <tr> <th colspan="4">A + B → 2AB</th> </tr> <tr> <th>Sr. No.</th> <th>Initial conc. [A] moldm⁻³</th> <th>Initial conc. [B] moldm⁻³</th> <th>Rate</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0.10</td> <td>0.01</td> <td>1.0 x 10⁻³</td> </tr> <tr> <td>2</td> <td>0.10</td> <td>0.02</td> <td>2.0 x 10⁻³</td> </tr> <tr> <td>3</td> <td>0.20</td> <td>0.01</td> <td>2.0 x 10⁻³</td> </tr> </tbody> </table>	A + B → 2AB				Sr. No.	Initial conc. [A] moldm ⁻³	Initial conc. [B] moldm ⁻³	Rate	1	0.10	0.01	1.0 x 10 ⁻³	2	0.10	0.02	2.0 x 10 ⁻³	3	0.20	0.01	2.0 x 10 ⁻³				
A + B → 2AB																									
Sr. No.	Initial conc. [A] moldm ⁻³	Initial conc. [B] moldm ⁻³	Rate																						
1	0.10	0.01	1.0 x 10 ⁻³																						
2	0.10	0.02	2.0 x 10 ⁻³																						
3	0.20	0.01	2.0 x 10 ⁻³																						
4-	Write three methods for the preparation of carboxylic acid? ✓	2+2 +2	OR	The following is an important industrial reaction, $2SO_2 + O_2 \rightleftharpoons 2SO_3$, $\Delta H = -250 \text{ KJmol}^{-1}$, explain three factors that can increase the yield of sulphur trioxide in this reaction. ✓	2+2 +2																				
5-	What are free radical substitution reactions? Describe the mechanism of halogenations reaction of methane in detail. ✓	2+5	OR	a) How mono and dihaloalkanes can be prepared from alkenes? Also mention reaction conditions. ✓ b) How will you convert CH ₃ Cl to CH ₃ COOH? ✓	4 3																				
6-	(i) Complete following reactions. $CH_3 - CH = CH_2 + H_2O \rightarrow$ ✓ $CH_3 - CH_2 - OH + Na \rightarrow$ ✓ $CH_3COOH + 4[H] \rightarrow$ ✓ (ii) Why alcohol is less acidic than water? (iii) What happens when alcohol is treated with Al ₂ O ₃ ✓	1+1 2 2	OR	Give postulates of VSEPR theory. Predict the shapes and bond angles of NF ₃ , CCl ₄ , H ₂ S and AlCl ₃ using VSEPR concept. ✓	7																				

(The End)

NOTE: Version number of objective paper must be filled in the bubble sheet. Section - A is compulsory. All parts of this section are to be answered in the bubble sheet and handed over along with objective question paper to the Centre Superintendent. Overfilling/overwriting is not allowed. Do not use lead pencil.

1- Fill relevant bubble against each part according to curriculum. (17)

1	20g of H ₂ SO ₄ contain ----- No. of molecules;						
A	1.228 x 10 ²³	B	2.456 x 10 ²³	C	3.684 x 10 ²³	D	4.912 x 10 ²³
2	Reactions with high activation energy are usually;						
A	Fast	B	Exothermic	C	Slow	D	Reversible
3	For the reaction 2NO _(g) + O _{2(g)} → 2NO _{2(g)} the rate law for the reaction is;						
A	Rate = K[NO][O ₂]	B	Rate = K[O ₂][NO ₂]	C	Rate = K[NO] ² [O ₂]	D	Rate = K[NO] ² [NO ₂]
4	The cooking of food is an example of ----- reaction;						
A	Exothermic	B	Endothermic	C	Reversible	D	First order
5	Born Haber cycle is used to determine lattice energies of;						
A	Molecular solids	B	Covalent solids	C	Metallic solids	D	Ionic solids
6	One mole of any gas at S.T.P (standard temperature and pressure) occupies a volume of -----.						
A	24.414 dm ³	B	22.414 dm ³	C	20.414 dm ³	D	18.414 dm ³
7	Which one of the following hydro carbons has no functional group;						
A	C ₂ H ₂	B	C ₆ H ₆	C	C ₄ H ₁₀	D	C ₃ H ₆
8	Esters can be produced by the condensation reaction between alcohols and;						
A	Carboxylic acid	B	Amines	C	Thionyl chloride	D	Ketones
9	The most likely reaction alkanes undergo is;						
A	Electrophilic addition	B	Nucleophilic addition	C	Free radical substitution	D	Electrophilic substitution
10	Molecules containing four electron pairs and no lone pair have ----- shape.						
A	Trigonal	B	Tetrahedral	C	Linear	D	Octahedral
11	A base is produced by the reaction of ----- with water.						
A	SiO ₂	B	SO ₂	C	CO ₂	D	Na ₂ O
12	For the reaction, HCl + H ₂ O ⇌ H ₃ O ⁺ + Cl ⁻ , Cl ⁻ behaves as;						
A	Conjugate acid	B	Conjugate base	C	Lewis acid	D	An acid
13	Amides can be reduced to respective amines, which reducing agent is used in this process.						
A	K ₂ Cr ₂ O ₇	B	NaOH	C	LiAlH ₄	D	KMnO ₄
14	Ethanol (CH ₃ - CH ₂ - OH) can be produced from Bromo ethane (CH ₃ - CH ₂ - Br) by --- reaction.						
A	Nucleophilic substitution	B	Electrophilic addition	C	Elimination reaction	D	Nucleophilic addition
15	Carboxylic acids react with metal carbonates to form salt, water and ----- gas.						
A	H ₂	B	N ₂	C	SO ₂	D	CO ₂
16	Which element has the electronic configuration 1S ² , 2S ² , S ² P ⁶ , 3S ² , 3P ⁶						
A	Sodium (Na)	B	Argon (Ar)	C	Chlorine (Cl)	D	Calcium (Ca)
17	Ethanol can be distinguished from methanol by -----.						
A	Silver mirror test	B	Fehling test	C	Benedict test	D	Iodoform test

(The End)

رول نمبر
وقت : 2:35 گھنٹے
کل نمبر: 80

25/01 (فرسٹ اینول)
انٹرمیڈیٹ (پارٹ - I)
(حصہ انشانیہ) (فیڈرل پیٹرن)

شہریت (Civics)

(Section-B)

(حصہ دوم)

(10x5=50)

2- مندرجہ ذیل میں سے دس (10) اجزاء کے تین سے چار سطروں تک محدود جوابات لکھیں۔

Q:2- Answer any ten (10) parts. The answer to each part should not exceed 3 to 4 lines. (10x5=50)

(i) Write the historical background of civics.	(i) علم شہریت کا تاریخی پس منظر لکھیں۔
(ii) Write the five characteristics of society.	(ii) معاشرے کی پانچ خصوصیات لکھیں۔
(iii) What is the difference between state and society?	(iii) ریاست اور معاشرے میں کیا فرق ہے؟
(iv) What is meant by constitutional and political sovereignty?	(iv) آئینی اور سیاسی اقتدار اعلیٰ سے کیا مراد ہے؟
(v) Describe the Aristotle's classification of governments.	(v) ارسطو کی حکومتوں کی درجہ بندی بیان کریں۔
(vi) Write down the five characteristics of unitary government.	(vi) وحدانی طرز حکومت کی پانچ خصوصیات لکھیں۔
(vii) What is meant by good economic governance?	(vii) اچھی اقتصادی حکمرانی سے کیا مراد ہے؟
(viii) What is meant by accountability?	(viii) احساب سے کیا مراد ہے؟
(ix) Write down the Aims of Law.	(ix) قانون کے مقاصد تحریر کریں۔
(x) What is meant by principle of moderation?	(x) اصول معتدل سے کیا مراد ہے؟
(xi) Describe the moral duties of a citizen.	(xi) شہری کے اخلاقی فرائض بیان کریں۔
(xii) Write down the five characteristics of a good constitution.	(xii) اچھے دستور کی پانچ خصوصیات لکھیں۔
(xiii) Write down the merits of indirect election.	(xiii) بالواسطہ انتخاب کی خوبیاں لکھیں۔
(xiv) What is meant by Recall?	(xiv) حق باز طلبی سے کیا مراد ہے؟

(Section-C)

(حصہ سوم)

(15x2=30)

نوٹ: کوئی سے دو سوالات کے جوابات تحریر کریں۔ تمام سوالات کے نمبر مساوی ہیں۔

Note: Attempt any two questions. All questions carry equal marks. (15x2=30)

3- Write the meaning of family, also write note on importance of family.	(5+10=15)	3- خاندان کا مفہوم لکھیں۔ نیز خاندان کی اہمیت پر نوٹ لکھیں۔
4- Describe the organization and function of legislature.	(5+10=15)	4- مقننہ کی تنظیم اور فرائض بیان کریں۔
5- What is parliamentary form of government? Write its merits and demerits.	(15)	5- پارلیمانی طرز حکومت سے کیا مراد ہے؟ اسکی خوبیاں اور خامیاں تحریر کریں۔

(ختم شد)



نوٹ: اپنا رول نمبر اور دستخط اسی پرچہ میں دی گئی جگہ پر ثبت کیجئے۔ تمام سوال اسی کاغذ پر ہر سوال کے سامنے دی گئی ہدایات کے مطابق حل کیجئے۔ کاٹ کر/مٹا کر یا ریڈ پینل سے تحریر کردہ جواب کا کوئی نمبر نہیں دیا جائے گا۔
Note: Write your Roll NO. in space provided. Over-writing, Using of lead pencil will result in loss of marks. All questions are to be attempted.

(20)

1- ہر سوال کے دیئے ہوئے چار ممکنہ جوابات میں سے درست جواب پر ٹیک (✓) کا نشان لگائیں۔

1- Each question has four possible answers, Tick (✓) the correct answer. (20)

د	ج	ب	ا	سوالات	نمبر
D	C	B	A	Questions	شمار
اطلی Italy	یونان Greece	فرانس France	انگلینڈ England	ارسطو کا تعلق تھا؛ Aristotle belongs to;	1
شہر City	ریاست State	ضابطہ Discipline	تنظیم Organization	عربی میں مدینہ کے معانی ہیں؛ Meaning of Madina in arabic;	2
روسو Rousseau	ارسطو Aristotle	ارنست پال Arnust Paul	سقراط Socrates	”انسان معاشرتی حیوان ہے“ کس نے کہا؟ Man is a social animal, who said;	3
پانچ Five	چار Four	تین Three	دو Two	کیونٹی کی اقسام ہیں؛ Types of community are;	4
چھ Six	پانچ Five	چار Four	تین Three	حکومت کے شعبے ہیں؛ Organs of Government are;	5
پانچ Five	چار Four	تین Three	دو Two	ریاست کے عناصر ہیں؛ Elements of state are;	6
آن سول گورنمنٹ On civil government	عدلیہ پر لیکچرز Lectures on Judiciary	سیاست Politics	جمہوریہ The Republic	جان آسٹن کی تعریف ہے؛ John Auston's books is;	7
صدارتی Presidential	وفاقی Federal	پارلیمانی Parliamentary	تکثیر Pluralistic	برطانیہ میں نظام حکومت ہے؛ What system of government does Britin have?	8
صوبہ Province	ضلع District	کنٹون Canton	ریاست State	پاکستان میں وفاقی اکائی کہلاتی ہے؛ Federal unit in Pakistan is called;	9
پانچ ماہ Five months	چار ماہ Four months	تین ماہ Three months	دو ماہ Two months	آرڈیننس کی مدت ہوتی ہے؛ Term of ordinance is;	10
رسم و رواج Traditions	پارلیمنٹ Parliament	حدیث Hadith	قرآن مجید Quran Majeed	اسلامی قانون کا اہم ماخذ ہے؛ Primary/Main source of Islamic law;	11
لاطینی Latin	انگریزی English	جرمن German	فرانسیسی French	لائبر کس زبان کا لفظ ہے؛ Liber is word of which language;	12
1949ء	1947ء	1945ء	1941ء	اتحاد متحدہ معروض وجود میں آئی؛ United Nation established in;	13
پانچ Five	چار Four	تین Three	دو Two	شہریت کے حصول کے طریقے ہیں؛ Methods of acquiring citizen ship;	14
شہریوں Citizens	دکانداروں Shopkeepers	صنعت کاروں Industrialists	اساتذہ Teachers	قوانین کن کے تحفظ اور ترقی کے لیے بنائے جاتے ہیں؛ Whose protection and development are law made;	15
1235ء	1225ء	1215ء	1205ء	منشور اعظم پر دستخط ہوئے؛ Magna Carta signed in;	16
آئین کی Constitution	مقننہ کی Legislature	حکومت کی Government	ملک کی Country	ایک جمہوری ملک میں عدلیہ بنیادی طور پر حفاظت کرتی ہے؛ In a democratic country Judiciary primarily protect the;	17
پانچ Five	چار Four	تین Three	دو Two	جمہوریت کی اقسام ہیں؛ Kinds of democracy are;	18
بیس سال 20 years	اٹھارہ سال 18 years	سولہ سال 16 years	چودہ سال 14 years	پاکستان میں ووٹر کی عمر کی حد مقرر کی گئی ہے؛ The age limit for voter in Pakistan is;	19
سلاؤ Sultaow	روسو Rousseau	جے سٹورٹ مل J. Sturt Mill	فارابی Farabi	کس کے مطابق ووٹر کا تعلیم یافتہ ہونا ضروری ہے؛ According to whom voters should be educated;	20

Note:- Attempt any eight parts from Section 'B' and any two questions from Section 'C' on the provided answer book.

SECTION - B (Marks 24)

- 2- Attempt any eight parts. The answer to each part should not exceed 3 to 4 lines. (8 x 3 = 24)

i	The length of a Pakistan Flag is 1.6m. The ratio between green and white part is 3:1. Find the length of green part.	ii	Aslam got 30 questions correct on a test with 75 question. What percent did he have correct?
iii	The selling price of a steal cabinet is Rs. 840, and the gross profit is 10% of the cost. Find cost.	iv	Find the simple interest for Rs. 800 for 7 years at 4%.
v	Find the principal, if the amount for 5 years at 5% is Rs. 5550 in simple interest.	vi	How long will it take for Rs. 2000 to amount Rs. 2360 at 6% per annum simple interest?
vii	If $f(t) = 6t + 4$ find $f(-\frac{1}{2})$, $f(\frac{1}{2})$ and $f(3)$	viii	Find the equation of straight line passes through (4,7) and its slope is $\frac{3}{5}$
ix	Solve $6x^2 - 7x - 3 = 0$ by quadratic formula.	x	Convert $(125)_{10}$ into binary number
xi	If $A = \begin{pmatrix} 1 & 2 \\ 3 & 4 \end{pmatrix}$ and $B = \begin{pmatrix} 4 & 3 \\ 5 & 2 \end{pmatrix}$ then Find $4A - 2B$		

SECTION - C (Marks 16)

Note:- Attempt any two questions. All questions carry equal marks. (2 x 8 = 16)

- 3- (a) Find the principal of Rs. 4635 due at the end of 3 years at 5% P.A. (04)
 (b) Simplify $(11011)_2 \times (1101)_2$ (04)
- 4- (a) Solve the system of linear equations by Cramer's rule $x + 2y = 11$ (04)
 $2x - y = 2$
 (b) Find the compound interest on Rs. 40000 for one year at 8% payable quarterly. (04)
- 5- (a) Solve $2x + 3y = 10$, $x + 8y = 24$ with the help of matrices. (04)
 (b) If the sale tax rate is 2% of the sales and the amount of tax paid for the amount was Rs. 804.95, calculate the month's sales. (04)

(The End)

Computer Science

025/1

(First Annual)

Class : 11th

INTERMEDIATE

Marks: 62

(Subjective Part) (NEW FEDERAL SCHEME CURRICULUM 2022-23) Time : 2:40 Hours

Note: Answer all parts from Section "B" and all questions from Section "C" on the E-sheet. Write your answers on the allotted/given spaces.

SECTION – B (Marks 42)

2- Attempt all parts from the following. (14 x 3 = 42)

i	Generally which function is used as an output function in Python? Write its syntax.	2+1	OR	Write a Pseudocode to add Two Numbers.	3
ii	What is Data collection? Write an example of Data collection?	2+1	OR	Name any three industrial sensors?	1+1+1
iii	What are the logic gates? Give three uses of logic gates?	1.5+1.5	OR	How libraries can help in secondary Data collection Method?	3
iv	What is digital Prototyping? List any two software names used to create digital Prototype?	2+1	OR	Describe three categories of "Service" modes in cloud computing?	1+1+1
v	Python is an open source Programming language – what does it mean and what is benefit of being an open-source language?	1+2	OR	Give three advantages and two disadvantages of Bus topology in Networking?	2+1
vi	What does 'Bias' in Data collection mean? List any two common Human Biases in Data collection?		OR	How IOT can enhance our daily life? Give any examples.	2+1
vii	What does it mean by "Desk check or dry run"? Write steps to trace an Algorithm?		OR	1- Country = Input (Enter your country Name) 2- Print ("I Love", country) Determine output of above program? * HINT: User Inputs "Pakistan"	3
viii	Write an Algorithm to add two numbers?	3	OR	Differentiate between Analog and Digital signals? Draw Diagram.	2+1
ix	Define Digital literacy and its significance?	3	OR	Define the term "service" in the perspective of entrepreneurs and give two examples of services.	3
x	What is the primary purpose of a firewall in network security and how does it work?	2+1	OR	1. For i in range (11, 15, 1) 2. Print (i, "- computer science!!!") Determine output of above block of code.	3
xi	You are to conduct a qualitative interview, which three steps would you necessarily follow?	1+1+1	OR	How can you ensure that the information you find online is trustworthy?	3
xii	Write down phases in waterfall Model?	0.5x6	OR	Why 'use – cases' are used for statistical Modelling? Write two common Practices.	1+1+1
xiii	Why if-else statement is used in a Python Program? Write if-else statement syntax?	1.5+1.5	OR	What does it mean by 'case-sensitivity'? Support your Answer with one example?	1.5+1.5
xiv	Explain three disadvantages of waterfall Model?	1+1+1	OR	Explain the principle of Randomization? Support your answer with one example?	1.5+1.5

Section – C (Marks 20)

Note: Attempt all questions. Marks of each question are given along with each question.

3-	Simplify the following Boolean function using K-Maps method $E = (\bar{A}.B.\bar{C}) + (A.B.C) + (A.\bar{B}.C) + (A.\bar{B}.\bar{C})$	5	OR	Write a program in python that inputs 10 numbers from user and prints the largest number in the list.	5
4-	Compare linear regression and classification. Emphasize on their respective roles in statistical Modelling?	1.5+1.5 +2	OR	Explain the concept of scalability and Reliability in cloud computing?	2.5+2.5
5-	Consider the following Pseudocode and draw the trace table. 1. Start 2. Set C = 1 3. Read 'n' 4. m = n * c 5. PRINT 'm' 6. C = C + 1 7. Repeat steps 4 to 6 While (c <= 05) 8. END	5	OR	Write Pseudocode / Python code that takes a number 'x' from user and solve the series $x^3 + x^2 + x$.	5
6-	Discuss in Detail, the positive and Negative Impacts of AI Systems.	2.5+2.5	OR	What are the positive and negative impacts of increased connectivity on Environment?	2.5+2.5

(The End)

Sheet No.

COMPUTER SCIENCE (OBJECTIVE)

First Annual

Marks – 13

Class – 11th

025/1

Time : 20 Minutes

(INTERMEDIATE)

Section – A

Roll No.

(NEW FEDERAL SCHEME CURRICULUM 2022-23)

Version No.

① ○ ○ ○

NOTE: Version number of objective paper must be filled in the bubble sheet. Section – A is compulsory. All parts of this section are to be answered in the bubble sheet and handed over along with objective question paper to the Centre Superintendent. Overfilling/overwriting is not allowed. Do not use lead pencil.

1- Fill relevant bubble against each part according to curriculum. (13)

1	If there are some flaws in data collection method, after analyzing such data the result would be more -----.						
A	Huge	B	Erroneous	C	Accurate	D	No result can be drawn
2	An algorithm: can be represented through;						
A	Flow charts	B	Pseudo codes	C	Instructions in the common language	D	All of the above
3	Which of the following logic gates produces a HIGH(1) output when any of the input is HIGH (1);						
A	AND gate	B	OR gate	C	XOR gate	D	NOT gate
4	If $A = 1$, $B = 0$ and $C = 1$, what will be the output of the following logic expression $(A + \bar{B}) \cdot C$						
A	0	B	1	C	10	D	01
5	----- is the process of representing model in terms of time and space;						
A	Communication	B	Simulation	C	Control system	D	Radar
6	Python provide the option of modulo operator represented as -----.						
A	=	B	= =	C	!	D	%
7	If we need to check the output of an algorithm without running it on the computer, which method would you prefer to do that;						
A	Flow chart	B	Class diagram	C	A program	D	Trace table
8	A point calculated by the term rise/run, where rise is the distance from the x-axis to the y-intercept, and the run is the distance from y-axis to the y-intercept.						
A	Intercept	B	Slope	C	Axis	D	Base
9	A cloud model that provides best security of data is;						
A	Public cloud	B	Community cloud	C	Private cloud	D	Hybrid cloud
10	In product development, addressing the specific needs and wants of consumers is called;						
A	Innovation and adaptation	B	Customer satisfaction	C	Market expansion	D	Revenue generation
11	Which of the following is a key aspect of reasonable information use;						
A	Sharing information without verifying it	B	Citing sources when using information	C	Keeping all information sources secret	D	Ignoring the source of information
12	To draw a triangle with 2D turtle graphics we need to play with -----.						
A	Angles	B	Vertices	C	Lines	D	Shapes
13	----- prototype closely resembles with the user interface using design software.						
A	Proof of concept prototype	B	Working prototype	C	Digital prototype	D	Intellectual prototype

(The End)

رول نمبر
وقت : 2:35 گھنٹے
کل نمبر: 80

025/1
انسٹریٹیوٹ (فرسٹ ایئر)
پارٹ - 1 (فیڈرل پیپر)
(حصہ انشائیہ)

اسلامیات اختیاری (گروپ اول)
(Islamic Studies Elective)
(Group - I)

Note: Sections 'B' and 'C' comprise pages 1-2 and questions therein are to be answered on the separately provided answer book. Answer any twenty parts from Section 'B' and all the questions from Section 'C'. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly.

Section - B (Marks 40)

حصہ دوم (کل نمبر 40)

Q:2- کوئی سے بیس اجزاء کے مختصر جوابات تحریر کریں۔ (40 = 20 x 2)

i	What was the concept of Jews about life after death?	i	یہود کا آخرت کے بارے میں کیا تصور تھا؟
ii	Why does not Allah feel shy when giving the example of mosquito?	ii	اللہ صمیر کی مثال دیتے وقت کیوں نہیں شرماتا؟
iii	What was the reason for Adam's superiority over the angels?	iii	آدم کی فرشتوں پر فضیلت کی وجہ کیا تھی؟
iv	How did pharaoh give worst punishment to Bani Israeel?	iv	فرعون بنی اسرائیل کو کس طرح بدترین عذاب دے رہا تھا؟
v	Write two reasons why the Israelites were caught in the wrath of Allah.	v	بنی اسرائیل کے اللہ کے غضب میں گرفتار ہونے کی دو وجوہات تحریر کریں۔
vi	Translate قُلْنَا لَهُمْ كُونُوا قِرَدَةً خَاسِئِينَ	vi	ترجمہ کریں۔ قُلْنَا لَهُمْ كُونُوا قِرَدَةً خَاسِئِينَ
vii	Define Hadith-a-Mutwater.	vii	متواتر حدیث کی تعریف کریں۔
viii	What is meant by "مشتبہات"?	viii	"مشتبہات" سے کیا مراد ہے؟
ix	Write the outlook of Gibraeel stated in Hadith-a-Jibraeel.	ix	حدیث جبرائیل میں بیان کردہ حضرت جبرائیل کی وضع قطع تحریر کریں۔
x	Translate دَعُ مَا يُرِيْبُكَ اِلَى مَا لَا يُرِيْبُكَ	x	ترجمہ کریں۔ دَعُ مَا يُرِيْبُكَ اِلَى مَا لَا يُرِيْبُكَ
xi	What condition has been stated in Hadith to become a true believer	xi	حدیث میں کامل مومن ہونے کی شرط بیان کی گئی ہے۔
xii	What has been naratted about Haya (modesty) in the Hadith?	xii	حیا کے بارے میں حدیث میں کیا بیان کیا گیا ہے؟
xiii	Write two clauses of Half-al-Fazool.	xiii	حلف الفضول کے دو نکات تحریر کریں۔
xiv	Write two arguments about Hijrat-a-Madina as the foundation of Islamic State.	xiv	ہجرت مدینہ اسلامی ریاست کی بنیاد بنی، دو دلائل تحریر کریں۔
xv	Define Ghazwa and Sarya.	xv	غزوہ اور سریہ کی تعریف کریں۔
xvi	Write two causes of Ghazwa-a-Khyber.	xvi	غزوہ خیبر کی دو وجوہات تحریر کریں۔
xvii	Write the glory of the revelation of لا تُزِيبُ عَلَيْكُمُ الْيَوْمَ كَاشَانَ نَزُولِ حُرَيْرِ كَرِيْمٍ	xvii	لا تُزِيبُ عَلَيْكُمُ الْيَوْمَ كَاشَانَ نَزُولِ حُرَيْرِ كَرِيْمٍ
xviii	Write two points of the will of Hazrat Abu Bakar Siddiq (R.A).	xviii	حضرت ابو بکر صدیق کی وصیت کے دو نکات تحریر کریں۔
xix	Write two objections of the rebels against Hazrat Usman Ghani (R.A) with their answers.	xix	حضرت عثمان غنی کے خلاف باغیوں کے دو اعتراضات مع جوابات تحریر کریں۔
xx	What was the demand of Hazrat Ayesha In Jang-a-Jamal?	xx	جنگ جمل میں حضرت عائشہ کا کیا مطالبہ تھا؟
xxi	Who were the Khawarij?	xxi	خوارج کون تھے؟
xxii	Who was Muslimah Kazab and what was his end?	xxii	مسلمیہ کذاب کون تھا اور اس کا انجام کیا ہوا؟
xxiii	Write literal and teminological meanings of Fiqh (Jurisprudence).	xxiii	فقہ کے لغوی اور اصطلاحی معنی تحریر کریں۔

Section - C (Marks 40)

حصہ سوم (کل نمبر 40)

3- مندرجہ آیات کو پڑھیں اور آخر میں دیے گئے سوالات کے جوابات دیجیے۔

3- Read the following verses and answer the questions given at the end. (3+2+2=07)

فَبَدَّلَ الَّذِينَ ظَلَمُوا قَوْلًا غَيْرَ الَّذِي قِيلَ لَهُمْ فَأَنْزَلْنَا عَلَى الَّذِينَ ظَلَمُوا رِجْزًا مِّنَ السَّمَاءِ بِمَا كَانُوا يَفْسُقُونَ

i	Translate the above Verse.	3	درج بالا آیت کا ترجمہ کریں۔	i
ii	What is meant by قَوْلًا غَيْرَ؟	2	قَوْلًا غَيْرَ سے کیا مراد ہے؟	ii
iii	What heavenly punishment descended upon them. رِجْزًا مِّنَ السَّمَاءِ؟	2	رِجْزًا مِّنَ السَّمَاءِ کونسا آسمانی عذاب ان پر نازل ہوا۔	iii

OR

یا

يَا أَيُّهَا النَّاسُ اعْبُدُوا رَبَّكُمُ الَّذِي خَلَقَكُمْ وَالَّذِينَ مِن قَبْلِكُمْ لَعَلَّكُمْ تَتَّقُونَ

i	Translate the above Verse.	3	درج بالا آیت کا ترجمہ کریں۔	i
ii	What is meant by "عبادت" worship?	2	عبادت کی تعریف لکھیں۔	ii
iii	What is the purpose of worship stated in the verse?	2	آیت میں عبادت کا مقصد کیا بتایا گیا ہے؟	iii

(2 x 4 = 8)

4- مندرجہ ذیل میں سے دو اجزاء کا ترجمہ اور تشریح کیجیے۔

4- Translate and explain any two of the following Verses. (2 x 4 = 8)

(i) اَتَا مُرُونَ النَّاسَ بِالْبِرِّ وَتَنسَوْنَ اَنفُسَكُمْ وَ اَنْتُمْ تَقُولُونَ اَلَا تَعْقِلُونَ ۝

(ii) اِنَّ الَّذِيْنَ اٰمَنُوْا وَ الَّذِيْنَ هَادُوْا وَ النَّصْرِيْنَ وَ الصَّابِيْنَ مَنْ اٰمَنَ بِاللّٰهِ وَ الْيَوْمِ الْاٰخِرِ وَ عَمِلَ صَالِحًا فَلَهُمْ اَجْرُهُمْ عِنْدَ رَبِّهِمْ

(iii) قَوْلٌ لِلَّذِيْنَ يَكْتُوبُوْنَ الْكِتٰبَ بِاَيْدِيْهِمْ هُمْ يَقُوْلُوْنَ هٰذَا مِنْ عِنْدِ اللّٰهِ

(2 x 5 = 10)

5- مندرجہ ذیل میں سے دو احادیث کا ترجمہ کیجیے۔

5- Translate any two of the following Ahadith. (2 x 5 = 10)

(i) الَّذِيْنَ النَّصِيْحَةُ قُلْنَا لِمَنْ قَالَ لِلّٰهِ عَزَّ وَجَلَّ وَ لِكِتٰبِهِ وَ لِرَسُوْلِهِ صَلَّى اللّٰهُ عَلَيْهِ وَسَلَّمَ وَ لَ اٰئِمَّةِ الْمُسْلِمِيْنَ وَ عَامَّةِهِمْ

(ii) اِحْفَظِ اللّٰهَ يَحْفَظْكَ اِحْفَظِ اللّٰهَ تَجِدْهُ تُجَاهَكَ اِذَا سَأَلْتَ فَاسْئَلِ اللّٰهَ وَاِذَا اسْتَعْنَيْتَ فَاسْتَعِنْ بِاللّٰهِ

(iii) مِنْ حُسْنِ اِسْلَامِ الْمَرْءِ تَرْكُهُ مَا لَا يَعْنِيْهِ

(2 x 5 = 10)

6- مندرجہ ذیل میں سے کسی دو پر نوٹ لکھیں۔

6- Write notes on any two of the following. 2 x 5 = 10

i	High light the importance and impacts of Hijrat-a-Habsha.
ii	State the hurdles faced by Hazrat Ali (R.A) when he became Khalifa.
iii	Let us briefly review the reforms of Hazrat Abu Bakar Siddiq (R.A).

i	ہجرت حبشہ کی اہمیت اور اثرات پر روشنی ڈالیں۔
ii	خلیفہ بننے وقت حضرت علی کی مشکلات کا جائزہ لیں۔
iii	حضرت ابو بکر صدیقؓ کی اصلاحات کا مختصر جائزہ لیں۔

(1 x 5 = 5)

7- مندرجہ ذیل میں سے کسی ایک پر نوٹ لکھیں۔

7- Write notes on any one of the following. (1 x 5 = 5)

i	Write the reasons of Ghazwa Badar.
ii	What is meant by Qiaas? Write the pillars of Qiaas.

i	غزوہ بدر کے اسباب تحریر کریں۔
ii	قیاس سے کیا مراد ہے؟ قیاس کے ارکان تحریر کریں۔

(ختم شد)

رول نمبر

اسلامیات اختیاری (گروپ اول) (Islamic Studies Elective)

جوائی کاپی کا سیریل نمبر

انسٹروسیڈ ٹیسٹ (فرسٹ اینول پارٹ-1) 025/1 (حصہ معروضی) فیڈرل پیٹرن

دستخط امیدوار

فرضی رول نمبر (دفتری استعمال کیلئے)

دستخط نائب ناظم / ناظمہ مرکز

انسٹروسیڈ ٹیسٹ (فرسٹ اینول پارٹ-1) 025/1 (حصہ معروضی)

وقت : 25 منٹ

کل نمبر: 20

فیڈرل پیٹرن



اسلامیات اختیاری (گروپ اول)

(Islamic Studies Elective)

نوٹ: اپنا رول نمبر اور دستخط اسی پر چس دی گئی جگہ پر لکھیں۔ تمام سوال اسی کاغذ پر ہر سوال کے سامنے دی گئی ہدایات کے مطابق مل کیجئے۔ کاٹ کر/مٹا کر یا ریڈ پیسل سے تحریر کردہ جواب کا کوئی نمبر نہیں دیا جائے گا۔
Note: Write your Roll Number in space provided. Over-writing, Using of lead pencil will result in loss of marks. All questions are to be attempted.

1- الف) ہر سوال کے دیئے ہوئے چار ممکنہ جوابات میں سے درست جواب پر ٹیک (✓) کا نشان لگائیں۔ (20)

1- A) Each question has four possible answers, Tick (✓) the correct answer. (20)

سوالات Questions	جوابات Answers	نمبر شمار
	A B C D	
1 انبیاء کرام کو قتل کرتے تھے۔ Who murder the Prophets.	صیالی Christian یہودی Jews صابی Sabi مجوی Majuosi	1
2 احکام عشرہ سے مراد ہیں۔ What is meant by Ten commandments.	دس احکامات Ten commands دس آیات Ten Ayat/verses دس معجزات Ten Miracles دس صحیفے Ten books	2
3 وحی نکو سے مراد ہے۔ What is meant by wahi-e-Natlloo.	حدیث Hadith فقہ Fiqh اصول فقہ Usool Fiqah قرآن Quran	3
4 دین میں نئی ایجاد کو کہا جاتا ہے۔ New Invention in Deen --- Is called.	سنت Sunnah واجب Wajlb نفل Nafal بدعت Bidaat	4
5 رحم مادر میں تخلیق کا پہلا مرحلہ ہے۔ First stage of creation in mother womb is.	نطفہ Nutfah علقہ Alaaqah/clot مضغہ Mudghah/meat مخلقہ Makhliqah	5
6 اللہ تعالیٰ کی چراگاہ سے مراد ہے۔ What is meant by pasture of Allah Almighty.	اللہ کی حرام کردہ چیزیں Forbiddier thir of Allah اللہ کی حلال کردہ چیزیں Permitted things of Allah مشکوک چیزیں Doubtful things کروہ چیزیں Abomination things	6
7 نبی اکرم ﷺ نے کتنے حج ادا فرمائے۔ How many Hajj were performed by Prophet (PBUH).	چار Four تین Three دو Two ایک One	7
8 مدینہ میں پہلے مبلغ اسلام تھے۔ He was first preacher of Islam in Madinah.	حضرت علیؑ Hazrat Ali (R.A) حضرت مصعب بن عمیرؓ Hazrat Musaab Umair (R.A) حضرت ابوزرؓ Hazrat Abuzar (R.A) حضرت عمرؓ Hazrat Umer (R.A)	8
9 فتح مکہ ہوا۔ Makkah was conquered in.	8 ہجری 8 Hijri 9 ہجری 9 Hijri 10 ہجری 10 Hijri 11 ہجری 11 Hijri	9
10 مصر کس ظلیغہ کے دور میں فتح ہوا۔ During the era of which Khalifa Egypt was conquered in.	حضرت ابو بکرؓ Hazrat Abu Bakar (R.A) حضرت عمرؓ Hazrat Umer (R.A) حضرت عثمانؓ Hazrat Uthman (R.A) حضرت علیؓ Hazrat Ali (R.A)	10

B) درست معنی کا انتخاب کیجئے اور درست جواب پر ٹیک (✓) کا نشان لگائیں۔

11 نَارُ means.	لوہا Iron پتھر Stone آگ Fire پانی Water	11
12 يَنْقُضُونَ means.	تم توڑتے ہو You break وہ توڑتے ہیں They break ہم توڑتے ہیں We break میں توڑتا ہوں I break	12
13 خَلِيفَةٌ means.	نائب Assistant آقا Lord سر دار Head غلام Slave	13
14 صُمٌّ means.	اندھے Blind گوتے Dumb بہرے Deaf تالائق In competant	14
15 الْعِجْلُ means.	بت Idol بھڑا Calf پیشوا Leader محبوب Beloved	15
16 مَفْرَتُهُمْ means.	تمہارا گھاٹ Your place of drinking ہمارا گھاٹ Our place of drinking ان کا گھاٹ Their place of drinking میرا گھاٹ My place of drinking	16
17 زَيْبٌ means.	جھوٹ Lie حقیقت Truth یقین Belief شک Doubt	17
18 قَتَلْتُمْ means.	اس نے قتل کیا He murdered میں نے قتل کیا I murdered تم نے قتل کیا You murdered ہم نے قتل کیا We murdered	18
19 الْاِثْمُ means.	گناہ Sin میلے Virtue شک Doubt اطاعت Obedience	19
20 الْجَنَّةُ means.	نہر Canal انعام Reward باغ Garden پھل Fruit	20

(ختم شد)

Note:- Answers any ten (10) parts from section "B", any one question from section "C" (Part I) and three questions from section "C" (Part II).

SECTION – B (MARKS 30)

2- Attempt any ten parts. The answer to each part should not exceed 3 to 4 lines. (10 x 3 = 30)

i	Differentiate between separate entity concept and matching concept.	ii	Write accounting equation and also explain its elements.
iii	How many types of accounts are there? Explain them.	iv	Differentiate between simple entry and compound entry.
v	Explain the terms "debit balance" "credit balance" and zero balance.	vi	What is meant by dishonor of bill and renewal.
vii	Explain any three subsidiary books.	viii	Write any three causes of disagreement between balances as per cash book and pass book.
ix	Distinguish between direct expenses and indirect expenses with examples.	x	What is the amount of gross profit, if a person buys 80000 worth of goods and sales them for Rs. 100000.
xi	Give three examples of each a). Capital Expenditure b). Revenue Expenditure	xii	If the goods purchased from Mohsin for Rs. 400/- recorded in purchase book as Rs. 400/-. What rectifying entry will be passed?

SECTION – C (PART-I) MARKS 50

Note:- Attempt any one question.

3- Following is trail balance of Noman & Co. for the year ended 31st Dec. 2004.

(1 x 20 = 20)

Particulars	Debit (Rs.)	Credit (Rs.)
Stock (1.1.2004)	16,000	
Purchases	36,000	
Sales		1,15,000
Capital		1,48,600
Drawings	3,400	
Debtors	26,000	
Creditors		20,000
Income Tax expenses	1,200	
Machinery	31,000	
Building	1,39,000	
Salaries expenses	21,000	
General expenses	2,000	
Cash at bank	1,000	
Cash in hand	2,000	
Advertisement expense	5,000	
	2,83,600	2,83,600

Adjustments:

- Closing stock value is Rs. 20,000
- Prepaid advertisement is Rs. 900
- Salaries outstanding is Rs. 1500
- Building is depreciated @ 20%

Required:

1- Prepare trading and profit and loss account and balance sheet for the year ended 31st Dec. 2004. Enter the following transactions of Mr. Shahbaz in a double column cash book.

2023	Particulars	Rs.
Jan 1	Cash in hand	100,000
Jan 1	Cash at bank	600,000
Jan 3	Cash sales	60,000
Jan 4	Paid Mr. Arshad by cheque	42,400
Jan 6	Received cheque from Aslam	32,400
Jan 8	Cash deposited into bank	18,200
Jan 8	Aslam cheque deposited in bank	----
Jan 10	Drew from bank for office use	22,000
Jan 11	Drew from bank for personal use	27,000
Jan 12	Cash purchases	60,000
Jan 17	paid Souban by cheque	72,000
Jan 21	Received interest from bank	15,000

SECTION – C PART-II

Note:- Attempt any three questions.

(10 x 03=30)

5- On 1st March 2020, Saqib sold goods to Kabeer for Rs. 12,000 and drew bill for 3 months, Kabeer accepted the bill and returned to Saqib. Saqib got it discounted from bank @7% p.a. on due date the bill is honoured by Kabeer.

Required:

Pass journal entries in the book of Saqib and Kabeer

6- Prepare a Bank Reconciliation Statement with the help of following information as on Dec. 31, 2023.

- Balance as per cash book Rs. 20800
- Dividend received by bank Rs. 3000
- Bank charges Rs. 400 debited by bank but not yet recorded in cash book
- Unpresented cheques Rs. 40,000
- Un credited cheques Rs. 20300

7- Pass journal entries for the rectification of errors given below.

- Advertisement expense of Rs. 633 were posted in ledger as Rs. 363.
- Legal expenses Rs. 7000 paid to lawyer have been wrongly debited to his personal account.
- Wages paid Rs. 2000 wrongly debited to Ahmed account.
- Sale of Rs. 4000 to Samam was wrongly debited to Sanam account.
- Sales book was overcasted by Rs. 500

8- Journalize the following transactions in the book of Mr. Ahmad.

- He started his business with cash Rs. 500,000.
- Purchased furniture for cash Rs. 30,000
- Purchased goods from Sajjad Rs. 9000 on account.
- Purchased goods for cash Rs. 30,000
- Cash sales Rs. 35000.
- Sold goods to Abdul Rehman Rs. 50,000
- Paid cash to Sajjad Rs. 5000.
- Paid salaries cash from Abdul Rehman Rs. 40,000.
- Received cash from Abdul Rehman Rs. 40,000
- Withdrew cash Rs. 4000 for business use.

(The End)

(Section-B)

(Marks=50)

(حصہ دوم)

(50=10x5)

2- مندرجہ ذیل میں سے کوئی سے دس (10) اجزاء کے پانچ سے سات سطروں تک محدود جوابات لکھیں۔

Q:2- Answer any ten parts. The answer to each part should not exceed 5 to 7 lines. (50=10x5)

(i)	Geography Arab was divided in how many parts?	(i)	جغرافیائی طور پر عرب کو کتنے علاقوں میں تقسیم کیا گیا ہے؟
(ii)	What is meant by Aam-ul-Feel?	(ii)	عام الفیل سے کیا مراد ہے؟
(iii)	How and why Hazrat Hamza embraced Islam?	(iii)	حضرت حمزہ نے کیوں اور کیسے اسلام قبول کیا؟
(iv)	When migration to Madina place. Write five causes of Migration.	(iv)	ہجرت مدینہ کب ہوئی پانچ اسباب تحریر کریں۔
(v)	When Battle of Ohad fought, write five causes of this battle.	(v)	غزوہ احد کب ہوا پانچ اسباب لکھیں۔
(vi)	Write five causes of conquest of Macca?	(vi)	فتح مکہ کے پانچ اسباب اور جوہات لکھیں۔
(vii)	Why was the "Half ul Fazool" allotted to the agreement?	(vii)	حلف الفضول کا یہ نام کیوں رکھا گیا؟
(viii)	Write down the important events during siddiqu's period.	(viii)	حضرت ابو بکر صدیق کی خلافت کے اہم واقعات مختصراً لکھیں۔
(ix)	When and against whom was the battle of Qadsia fought?	(ix)	جنگ قادسیہ کب اور کس کے خلاف ہوئی؟
(x)	Write down the services of caliph Usman (R.A)	(x)	حضرت عثمان غنی کی خدمات اسلام مختصراً تحریر کریں۔
(xi)	Write down five causes of Battle of Safan.	(xi)	جنگ صفین کے پانچ اسباب تحریر کریں۔
(xii)	What was the beliefs of "Khawaraj" and what were impacts?	(xii)	خوارج کے عقائد کیا تھے؟ ان کے اثرات کیا ہوئے؟
(xiii)	Write down five characteristics of pious caliphate period.	(xiii)	خلافت راشدہ کی پانچ خصوصیات تحریر کریں۔
(xiv)	Write down the social circumstances during caliphate period?	(xiv)	خلافت راشدہ کے معاشرتی حالات لکھیں۔
(xv)	Write down the importance of Abu Baker Siddique's sermon in three lines.	(xv)	حضرت ابو بکر صدیق کے خطبہ خلافت کی اہمیت تین سطروں میں لکھیں۔

(Section-C)

(Marks=30)

(حصہ سوم)

Note: Attempt any three questions.

(10x3=30)

نوٹ: کوئی سے تین سوالات کے جوابات تحریر کریں۔

3-	Describe the religious and political life Arabs before Islam?	(10)	اسلام سے قبل عربوں کی مذہبی و سیاسی زندگی بیان کریں۔
4-	What was the causes of Migration to Madina?	(10)	ہجرت مدینہ کے اسباب تحریر کریں۔
5-	Evaluate the prophet (PBUH) as the head of the state.	(10)	حضور نبی کریم ﷺ کا بحیثیت سربراہ مملکت جائزہ لیں۔
6-	Describe indetail the hurdeles faced by Hazrat Ali (R.A) during his caliphate.	(10)	حضرت علیؑ کو بحیثیت خلیفہ پیش آنے والی مشکلات کی تفصیل لکھیں۔

(ختم شد)



نوٹ: اپنا رول نمبر اور دستخط اسی پرچہ میں دی گئی جگہ پر ثبت کیجئے۔ تمام سوال اسی کاغذ پر ہر سوال کے سامنے دی گئی ہدایات کے مطابق حل کیجئے۔ کاٹ کر/مٹا کر یا لیز پینل سے تحریر کردہ جواب کا کوئی نمبر نہیں دیا جائے گا۔
Note: Write your Roll NO. in space provided. Over-writing, Using of lead pencil will result in loss of marks. All questions are to be attempted.

(20)

1- ہر سوال کے دیئے ہوئے چار ممکنہ جوابات میں سے درست جواب پر ٹک (✓) کا نشان لگائیں۔

1- Each question has four possible answers, Tick (✓) the correct answer. (20)

نمبر شمار	سوالات Questions	جوابات (Answers)	د D	ج C	ب B	ا A
1	فلسطین کو سرزمین کہا جاتا ہے؛ Palestine is called the land of;	شعراء Poets	پیغمبروں Messengers	علماء Ulmas	صوفیاء Sofles	
2	مکہ شہر کی بنیاد رکھی؛ Macca city established by;	ابراہیم علیہ السلام Ibrahim (عليه السلام)	موسیٰ علیہ السلام Musa (عليه السلام)	عیسیٰ علیہ السلام Esa (عليه السلام)	اسماعیل علیہ السلام Ismail (عليه السلام)	
3	نبی کریم ﷺ کی ولادت باسعادت ہوئی؟ Holy Prophet (PBUH) was born;	570 570	574 574	572 572	571 571	
4	نبی کریم ﷺ کی بیٹیوں کی تعداد تھی؛ Daughters of Nabi Kareem were;	دو 2	آٹھ 8	چھ 6	چار 4	
5	نبی کریم ﷺ پر پہلی وحی نازل ہوئی؛ First wahl was reveled on Nabi Kareem;	30 سال 30 Years	60 سال 60 Years	50 سال 50 Years	40 سال 40 Years	
6	دوسری ہجرت حبشہ میں لوگ شامل تھے؛ Second Migeration to Habsha consists of people;	50	101	70	60	
7	ہجرت مدینہ سے قبل قریش مکہ کا اجلاس ہوا؛ Before Migeration to Madina meeting of Qurash was held in;	دار ارقم Dar-A-Arkam	قبا Quba	دار لندوہ Dar-ul-Nadva	مسجد نبوی Masjid Nabvi	
8	غزوہ بدر ہوا؛ Battle of Badar was fought in;	622	626	625	624	
9	غزوہ بدر میں کفار مارے گئے؛ How many kufar killed in Battle of Badar?	50	80	70	60	
10	غزوہ احد ہوا؛ Battle of Ohad fought In	622	626	625	624	
11	صلح حدیبیہ ہوئی؛ Hudebia Agreement took place in	5H 5H	8H 8H	7H 7H	6H 6H	
12	غزوہ خیبر ہوا؛ Battle of Khabar fought in	4H 4H	7H 7H	6H 6H	5H 5H	
13	غزوہ حنین ہوا؛ Battle of Hunaln fought in;	5H 5H	8H 8H	7H 7H	6H 6H	
14	غزوہ تبوک ہوا؛ Battle of Tabook fought in;	625 625	632 632	631 631	630 630	
15	مال فقیرت کا پانچواں حصہ ہوتا ہے؛ One-flfth o the "Ghanimat".....	زکوٰۃ Zakat	جزیہ Jizya	فہ Fae	خمس غنائم Khams ghanaylm	
16	حضرت حمزہ شہید ہوئے؛ Hazrat Hamza was martyred in;	غزوہ بدر Badar	غزوہ خندق Tranch	غزوہ تبوک Tabook	غزوہ احد Ohad	
17	ابوبکر صدیق کے والد کا نام تھا؛ Name of Abu Bakar Siddique's Father was;	عمرو Umro	ابوقاف Abu Qoufa	قنص Qusa	عامر Amir	
18	عمر فاروق کا دور خلافت ہے؛ Tenure of Umar's Callphate;	11 تا 13 11-13	14 تا 25 14-25	10 تا 13 10-13	13 تا 23 13-23	
19	مصر فتح ہوا؛ Egypt was conccred in;	640	644	643	642	
20	حضرت عثمان کی شہادت؛ Shadat of Hazrat Usman;	34 34H	37 37H	36 36H	35 35H	

(ختم شد)

رول نمبر _____
وقت : 2:35 گھنٹے
کل نمبر: 80

025/1
انٹرمیڈیٹ (فرسٹ ایڈول)
پہارت - I (فیڈرل پیپرن)
(حصہ انشانیہ)

تاریخ پاکستان
History Of Pakistan

(حصہ دوم) (Section-II)

2- کوئی سے دس اجزاء کے پانچ سے سات سطروں تک محدود جوابات لکھیں۔ (10 x 5 = 50)

Q:2- Answer any ten parts. The answer to each part should not exceed 5 to 7 lines. (10 x 5 = 50)

ii	پنجاب باڈری کمیٹی کے ارکان کے نام لکھیں۔ Write the names of members of Punjab boundary commission.	i	حکومت پاکستان نے مسئلہ مہاجرین سے نمٹنے کے لیے کیا اقدامات کیے؟ What steps did the government of Pakistan take to tackle the issue of refugees?
iv	مولوی تمیز الدین کیس کے بارے میں آپ کیا جانتے ہیں؟ What do you know about Molvi Tamiz-ud-Din case?	iii	جب قائد اعظم نے ماؤنٹ بیٹن کی تجویز نہ مانی تو اس نے کیا دھمکی دی؟ What did threaten when Quaid-e-Azam did not accept Mount Batten's proposal?
vi	ایوب خان کی زرعی اصلاحات بیان کریں۔ Describe the Ayub Kha's agricultural reforms.	v	1947 سے 1956 تک وزیر اعظم کے نام ترتیب سے لکھیں۔ Write Prime Minister's name in order from 1947 to 1956?
viii	LFO کے بارے میں آپ کیا جانتے ہیں؟ What do you know about LFO?	vii	1965 کے صدارتی انتخابات پر نوٹ لکھیں۔ Write short note on 1965 Presidential election.
x	ون یونٹ کے خاتمے کے تین اسباب بیان کریں۔ Write three causes for the elimination of one unit.	ix	1971 کی جنگ کے چار اسباب بیان کریں۔ Write four causes of 1971 war.
xii	اقوام متحدہ کے مقاصد بیان کریں۔ Describe the goals of UNO.	xi	سیٹو SEATO پر مختصر نوٹ لکھیں۔ Write short note on SEATO?
xiv	دولت مشترکہ پر مختصر نوٹ لکھیں۔ Write short note on common wealth?	xiii	پاکستان کی خارجہ پالیسی کے مقاصد تحریر کریں۔ Write the goals of Pakistan's foreign policy.

Section - C (Marks 30)

حصہ سوم (کل نمبر 30)

نوٹ: کوئی سے تین سوالات کے جوابات لکھیں۔ تمام سوالوں کے نمبر برابر ہیں۔ (3 x 10 = 30)

Note:- Attempt any Three questions. All questions carry equal marks. (3 x 10 = 30)

3-	Write the Initial problems of Pakistan during the establishment of Pakistan.	(10)	3- قیام پاکستان کے وقت پاکستان کی ابتدائی مشکلات تحریر کریں۔
4-	Write the characteristics of the constitution of 1956.	(10)	4- 1956 کے آئین کی خصوصیات تحریر کریں۔
5-	Describe the causes of Indo-Pak War 1965.	(10)	5- 1965 کی پاک بھارت جنگ کے اسباب بیان کریں۔
6-	Write the basic objectives of foreign policy of Pakistan.	(10)	6- پاکستان کی خارجہ پالیسی کے بنیادی مقاصد تحریر کریں۔

(ختم شد)

رول نمبر

تاریخ پاکستان (History of Pakistan)

جمالی کاپی کاسیریل نمبر

انٹرمیڈیٹ (فرسٹ اینڈ پارٹ-1) 025/1 (حصہ معروضی) فیڈرل پیٹرن

دستخط امیدوار

فرضی رول نمبر (دفتری استعمال کیلئے)

دستخط نائب ناظم / ناظمہ مرکز

انٹرمیڈیٹ (فرسٹ اینڈ پارٹ-1) 025/1 (حصہ معروضی)

وقت : 25 منٹ

کل نمبر: 20

فیڈرل پیٹرن



تاریخ پاکستان

(History of Pakistan)

نوٹ: اپنا رول نمبر اور دستخط اسی پر چھپیں وہی جگہ پر ثبت کیجئے۔ تمام سوال اسی کاغذ پر ہر سوال کے سامنے دی گئی ہدایات کے مطابق حل کیجئے۔ کاٹ کر/مٹا کر یا لائیو پنسل سے تحریر کردہ جواب کا کوئی نمبر نہیں دیا جائے گا۔
Note: Write your Roll Number in space provided. Over-writing, Using of lead pencil will result in loss of marks. All questions are to be attempted.

SECTION - I

حصہ اول

(20)

1- ہر سوال کے دیئے ہوئے چار ممکنہ جوابات میں سے درست جواب پر ٹک (✓) کا نشان لگائیں۔ (20)

1- Each question has four possible answers, Tick (✓) the correct answer. (20)

د	ج	ب	ا	سوالات Questions	نمبر شمار
D	C	B	A	سوالات Questions	نمبر شمار
10 August 1947	11 August 1947	14 August 1947	15 August 1947	قائد اعظم محمد علی جناح نے پاکستان کے پہلے گورنر کا حلف کب اٹھایا؟ When Quaid-e-Azam Muhammad Ali Jinnah took oath as Pakistan's first Governor General.	1
جسٹس گل حسن Justice Gull Hassan	جسٹس دین محمد Justice Din Muhammad	جسٹس محمد شریف Justice Muhammad Sharif	جسٹس عبدالرشید Justice Abdul Rasid	قائد اعظم نے دستور سازی کا کام کس کے سپرد کیا؟ Whom did Quaid-e-Azam entrust the responsibility of constitution making?	2
PIA	AIR BLU	BOAC	BAL	برطانیہ کی کس فضائی کمپنی کے ذریعے سرکاری ملازمین کو ہندوستان سے پاکستان منتقل کیا گیا۔ Which Air Line of UK, Government employees were transferred from India to Pakistan.	3
921	950	721	822	برطانوی ہندوستان میں کل کتنے کارخانے تھے؟ How many factories were there in British India?	4
10 %	15 %	16 %	17 %	1947ء میں پاکستان کی شرح خواندگی کتنی تھی؟ How much was Pakistan's Literacy rate in 1947.	5
27 October 1947	26 October 1947	25 October 1947	24 October 1947	بھارت نے ریاست جموں و کشمیر پر کب قبضہ کیا؟ When did India occupy the state of Jammu and Kashmir?	6
14 August 1947	11 August 1947	10 August 1947	9 August 1947	پاکستان کی دستور ساز اسمبلی کا پہلا اجلاس کب ہوا؟ When did the first session of Pakistan's constitutional Assembly start?	7
6 Jun 1952	01 July 1951	28 September 1950	28 September 1949	بنیادی اصولوں کی کمیٹی نے پہلی رپورٹ کب اسمبلی میں پیش کی؟ When the basic principle committee submitted the first report in the Assembly.	8
1953	1954	1955	1970	مشرقی پاکستان میں پہلے عام انتخابات کب ہوئے؟ When was the first general elections held in East Pakistan?	9
90	79	69	80	دوسری دستور ساز اسمبلی کتنے ارکان پر مشتمل تھی؟ How many members of second constitution assembly comprised?	10
قائم خان Qayyun Khan	مشتاق گورمانی Mushtaq Gormanani	ممتاز دولتانہ Mumtaz Doltana	ڈاکٹر خان Dr. Khan	صوبہ مغربی پاکستان کے پہلے وزیر اعلیٰ کون تھے؟ Who was the first chief minister of west Pakistan?	11
لیاقت علی Liaquat Ali	فیروز خان Feroz Khan	ناظم الدین Nazam-ud-Din	محمد علی Muhammad Ali	پاکستان کے دوسرے وزیر اعظم کون تھے؟ Who was the second Prime Minister of Pakistan?	12
12 December 1958	01 November 1958	30 October 1958	27 October 1958	سکندر مرزا نے صدارت سے کب استعفیٰ دیا؟ When did Skindar Mirza resign from presidency?	13
11th June 1962	10th June 1962	9th June 1962	8th June 1962	پاکستان کا دوسرا دستور کب نافذ ہوا؟ When was the second constitution of Pakistan enforced?	14
01st July 1967	01st June 1967	2nd July 1966	10th January 1966	اعلان تاشقند کب ہوا؟ When was Tashkent declaration announced?	15
01 June 1963	10 August 1963	12 July 1964	10 July 1965	پاکستان، ایران اور ترکی کے درمیان استنبول معاہدہ کب ہوا؟ When did Istanbul agreement between Pakistan, Iran and Turkey take place?	16
December 1972	December 1970	September 1971	December 1971	مشرقی پاکستان، مغربی پاکستان سے کب الگ کیا گیا؟ When was East Pakistan separated from West Pakistan?	17
Jamat-e-Islami	عوامی لیگ Awami League	پاکستان پیپلز پارٹی PPP	مسلم لیگ Muslim League	1970 کے انتخابات میں مغربی پاکستان میں کونسی جماعت کامیاب ہوئی؟ Which party won the election of 1970 in West Pakistan.	18
1967	1966	1965	1964	مجیب الرحمن نے چھ نکات کب پیش کیے؟ Majib-ur-Rohman presented his Six points?	19
1951	1950	1949	1948	لیاقت علی خان نے امریکہ کا دورہ کب کیا؟ When did Liaquat Ali Khan visit the United States?	20

(ختم شد)

