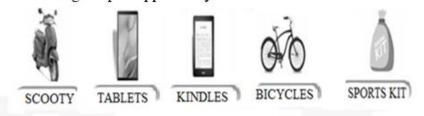


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### **OFFLINE EXAMINATION (PHASE –II)**

	O.				
		CLASS	-X		
M.M.	70			TIME: 70 Minutes	
Name	<b>:</b>	Regn. No	Mobile No		
Gener	ral Instructio	ons:-			
1.	Duration of the 70 marks.	he examination is 70 Minutes. Q	Question Paper contain	as 70 questions with maximum	
2.		e negative marking in Phase	-II i.e: ¼ mark will	be deducted for each incorrect	
	answer.				
3.	Use of gadge	ts is not allowed.			
4.	Students mus incharge.	st abide by the instructions issue	d during the examina	tion by the invigilator or the centre	
5.	Before attem	pting the question paper ensure t	that it contains all pag	ges & no question is missing.	
6.	Immediately fill the particulars on this page of the test booklet with blue/black ball point pen. Use of pencil is strictly prohibited.				
7.	Darken the b	ubbles completely. Do not put a	tick <b>☑</b> or a cross <b>坚</b> .	Fill the bubbles completely.	
8.	Half –filled o	or over-filled bubbles will not be	read by the software	& liable to be rejected.	
	Correct Met	thod	Wro	ng Method	
_			$\otimes$		
<ul><li>3.</li><li>4.</li><li>5.</li><li>6.</li><li>7.</li></ul>	<ol> <li>Use of gadgets is not allowed.</li> <li>Students must abide by the instructions issued during the examination by the invigilator or the centrincharge.</li> <li>Before attempting the question paper ensure that it contains all pages &amp; no question is missing.</li> </ol>				

Student's Signature

Invigilator's Signature

# **ALL INDIA RPS OLYMPIAD-2022**

(Organized by RPS Education Society Mahendergarh-Haryana)

M.M	. 70		Class -X		Time: 70 Minutes
			English (	<b>(10)</b>	
1.	I don't play hockey,	do I	•	•	by choosing correct option.)
	(a) so	(b) or	(c) no	or	(d) for
2.	Poverty comes	idleness. <b>(Fil</b>	l the gap by	choosing corre	ct option.)
	(a) from	(b) to	(c) of	ff	(d) of
3.	I know about when	he will go. (Iden	itify the und	erlined clause b	y choosing the correct option.)
	(a) Adverb clause o	f time (b) Nou	ın clause	(c) Adjective	clause (d) Principal clause
4.	The train will have	left by the time v	we th	ne station. <b>(Fill</b>	the gap by choosing correct
	option.)				
	(a) will reach	(b) shall reach	n	(c) reached	(d) reach
5.	All renew licences r	nay be collected	from the ca	shier's counter	after
	paying the fees. (Fin	nd incorrect part	of the sente	ence by choosin	g correct option.)
	(a) All renew licence	es may		(b) be collect	ed from the cashier's counter
	(c) after paying the	fees.		(d) No error	
6.	<u>Diving</u> into the <u>swir</u>	nming pool, he s	plattered w	ater on me all o	over. (Identify the underlined
	verbs by choosing the	ne correct option	n.)		
	(a) Diving - Gerund			(b) Di	ving - Gerund
	Swimming – par	rticiple		Sv	vimming - Gerund
	(C) Diving – Partici	ple		(d) Di	ving- participle
	Swimming – Par	rticiple		Sv	vimming – Gerund
7.	"If he does not perfe	orm his duties p	roperly, I wi	ll <u>send him pac</u>	king", said the manager. (Choose
	the correct option w	hich best expres	sses the mea	ning of the und	erlined Idiom/ Phrase in the
	given sentence)				
	(a) serve him a noti		(b) terminate his services		
	(c) send him to pac	king departmen	t	(d) give him	a warning
8.	you see Ca	aroline, tell her I	ve got the t	ickets. <b>(Fill the</b>	gap by choosing correct option.)
	(a) will	(b) shall	(c) w	rould	(d) should
9.	It is a must to read	this book. <b>(Chan</b>	ge into passi	ive voice)	
	(a) This book must	be read.		(b) It is a mu	st to be read this book.
	(c) It is a must for t	his book to be re	ead.	(d) It is a mu	st be read this book.
10.	He said, "I had to do the work." (Change into indirect speech)				
	(a) He said that he	had had to do th	e work.	(b) He said tl	nat he had to do the work.
	(c) He told that he h	nad done the wo	rk.	(d) He asked	if he had had to do the work.

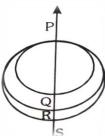
#### Mathematics (20)

- 11. The sum of all non-integer roots of the equation  $x^5 6x^4 + 11x^3 5x^2 3x + 2 = 0$  is
  - (a) 6
- (b) -11
- (c) -5
- (d) 3
- 12. Let  $S = \{1, 2, 3, ..., 100\}$ . Sppose b and c are chosen at random from the set S. The probability that  $4x^2 + bx + c$  has equal roots is
  - (a) 0.001
- (b) 0.004
- (c) 0.007
- (d) 0.01
- 13. The number of non-negative integer solution of the equations 6x + 4y + z = 200 and x + y + z = 100 is
  - (a) 3
- (b) 5
- (c) 7
- (d) infinite

- 14. Let  $N_1 = 2^{55} + 1$  and  $N_2 = 165$ . Then
  - (a) N<sub>1</sub> and N<sub>2</sub> are coprime
- (b) the HCF (Highest Common Factor) of N<sub>1</sub> and N<sub>2</sub> is 55
- (c) the HCF of N<sub>1</sub> and N<sub>2</sub> is 11
- (d) the HCF of N<sub>1</sub> and N<sub>2</sub> is 33
- 15. A prime number p is called special if there exist prime  $p_1$ ,  $p_2$ ,  $p_3$ ,  $p_4$  such that  $p = p_1 + p_2 = p_3 p_4$ . The number of special primes is
  - (a) 0
- (b) 1
- (c) more than 1 but less than 3
- (d) infinite
- 16. Consider the equation  $x^2 + 2x n = 0$ , where  $n \in \mathbb{N}$  and  $n \in [5,100]$ . Total number of different values of 'n' so that the given equation has integral roots is
  - (a) 8
- (b) 3

- (c) 6
- (d) 4
- 17. Let  $f(x) = x^6 2x^5 + x^3 + x^2 x 1$  and  $g(x) = x^4 x^3 x^2 1$  be two polynomials. Let a, b, c and d be the roots of g(x) = 0. Then the value of f(a) + f(b) + f(c) + f(d) is
  - (a) -5
- (b) 0

- (c) 4
- (d) 5
- 18. PQRS is a common diameter of three circles. The area of the middle circle is the average of the other two. If PQ = 2 and RS = 1, then the length of QR is



a)  $\sqrt{6} + 1$ 

- (b)  $\sqrt{6} 1$
- (c) 5
- (d) 4
- 19. If  $72^x$ .  $48^y = 6^{xy}$ , where x and y are non zero rational numbers, then x + y equals
  - (a) 3
- (b) 10/3

- (c) -3
- (d) -10/3

(a) (19, 20)

20.	Let ABCD be a s	square and E be a poi	nt outside ABCD such	that E, A, C are collinear in that				
	order. Suppose EB = ED = $\sqrt{130}$ and the areas of triangle EAB and square ABCD are equal.							
	Then the area of square ABCD is							
	(a) 8	(b) 10	(c) $\sqrt{120}$	(d) $\sqrt{125}$				
21.	Let P be an inte	erior point of a convex	x quadrilateral ABCD	and K, L, M, N be the midpoints o	of			
	AB, BC, CD, DA	respectively. If Area (	(PKAN) = 25, Area (I	PLBK) = 36, and Area (PMDN) =	41,			
	then Area (PLC	M) is						
	(a) 20	(b) 29	(c) 52	(d) 54				
22.	Let, $n \ge 1$ be an	n AP with first term 2	and common differen	nce 4. Let $m_{\scriptscriptstyle n}$ be the average of the	ıe			
	first n term. Th	first n term. Then the sum $\sum_{n=1}^{10} m_n = ?$						
	(a) 110	(b) 335	(c) 770	(d) 1100				
23.	If $x - \frac{1}{x} = 3$ the	en find $x^7 - \frac{1}{x^7}$ .						
	(a) 4284	(b) 4287	(c) 4290	(d) 4293				
24.	A motorbike lea	aves point A at 1 pm a	and moves towards p	oint B at a uniform speed. A car				
	leaves point B at 2 pm and moves towards point A at a uniform speed which is double that of							
	the motorbike.	the motorbike. They meet at 3:40 pm at a point which is 168 km away from A. What is the						
	distance, in km, between A and B?							
	(a) 210	(b) 310	(c) 378	(d) 478				
25.	Let b be a non-zero real number. Suppose the quadratic equation $2x^2 + bx + (1/b) = 0$ has							
	two distinct real roots. Then							
	(a) $b + (1/b) > (5/2)$		(	b) $b + (1/b) < (5/2)$				
	(c) $b^2 - 3b > -$	2	(	(d) $b^2 + (1/b^2) < 4$				
26.	If for an A.P. $a_1$ , $a_2$ , $a_3$ ,, $a_n$ , $a_1 + a_3 + a_5 = -12$ and $a_1 a_2 a_3 = 8$ then the value of							
	$a_2 + a_4 + a_6 equ$	als						
	(a) – 12	(b) - 16	(c) - 18	(d) - 21				
27.	Consider a semicircle of radius 1 unit constructed on the diameter AB, and let 0 be its centre.							
	Let C be a point on AO such that AC: CO = 2:1. Draw CD perpendicular to AO with D on the							
	semicircle. Draw OE perpendicular to AD with E on AD. Let OE and CD intersects at H. Then							
	DH equals							
	(a) $1/\sqrt{5}$	(b) $1/\sqrt{3}$	(c) $1/\sqrt{2}$	(d) $(\sqrt{5}-1)/2$				
28.	Among all the parallelograms whose diagonals are 10 and 4, the one having maximum area							
	has its perimeter lying in the interval							

(c) (21, 22)

(d) (22, 23)

(b) (20, 21)

(c) A-1, B-2, C-3, D-4

29. Consider the equation  $(1 + a + b)^2 = 3(1 + a^2 + b^2)$ , where a, b are real numbers. Then (a) There is no solution pair (a, b). (b) There are infinitely many solution pairs (a, b). (c) There are exactly two solution pairs (a, b). (d) There is exactly one solution pair (a, b). 30. If a leap year is selected randomly then what is the probability of having 53 Monday or 53 Sunday in this year. (b)  $\frac{2}{7}$ (c)  $\frac{3}{7}$  $(d)^{\frac{4}{7}}$ (a)  $\frac{1}{7}$ Social Science (10) 31. Which of the events are chronologically arranged? (a) Salt Satyagraha, Non - Cooperation Movement, Quit India Movement, Swadeshi Movement (b) Swadeshi Movement, Non – Cooperation Movement, Salt Satyagraha, Quit India Movement (c) Quit India Movement, Swadeshi Movement, Non – Cooperation Movement, Salt Satyagraha (d) Salt Satyagraha, Swadeshi Movement, Quit India Movement, Non – Cooperation Movement 32. Between whom was the Poona Pact signed? (a) M.K. Gandhi and Mountbatten (b) M.K. Gandhi and Dr. B.R. Ambedkar (c) M.K. Gandhi and Moti Lal Nehru (d) M.K. Gandhi and Viceroy Lord Irwin 33. What was the subject of Sarkaria Commission? (a) Tax system (b) Land Reforms (c) Centre – State relations (d) Election reforms 34. Which one is a state political party of Punjab? (b) D.M.K (c) Shiromani Akali Dal (a) T.M.C (d) Biju Janta Dal 35. In which of the following iron ore belt Kudremukh mines are located? (a) Odisha – Jharkhand belt (b) Ballary - Chitradurg - Chikkamagaluru - Tumakuru belt (b) Durg - Bastar - Chandrapur belt (d) Maharashtra - Goa belt 36. Match the following:-Column A (Grasslands) Column B (Regions) A **Downs** 1 South Africa B Velds 2 New Zealand C 3 Australia **Pampas** D Canterbury Argentina (a) A-3, B-1, C-4, D-2 (b) A-4, B-3, C-2, D-1

(d) A-3, B-2, C-1, D-4

- 37. The modern currency is without any use of its own, then why is it accepted as a medium of exchange?
  - (a) It can be used in foreign exchange
- (b) It has digital and manual system
- (c) It is authorized by the govt. of the country
- (d) Because it is convenient
- 38. When did demonetization take place in India?
  - (a) 6 November, 2016

(b) 8 November, 2016

(c) 9 November, 2016

- (d) 10 November, 2016
- 39. Which pair of states have bicameral houses?
  - (a) Haryana, Uttar Pradesh, Bihar, Jharkhand
  - (b) Punjab, Maharashtra, Tamilnadu, Karnataka
  - (c) Bihar, Uttar Pradesh, Maharashtra, Andhra Pradesh
  - (d) Kerala, Bihar, Odisha, West Bengal
- 40. When was the Vernacular Press Act passed?
  - (a) 1855
- (b) 1870
- (c) 1875
- (d) 1878

#### Aptitude (Reasoning) (10)

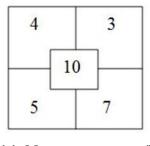
#### Direction (41-42):

A, B, C, D, E, F and G are brothers. Two brothers had an argument and A said to B "you are as old as C was when I was twice as old as D, and will be as old as E Was when he was as old as C is now. B said to A, "you may be older than F but G is as old as I was when you where as old as G is and D will be as old as F was when F will be as old as G is.

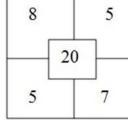
- 41. Which two are probably twins?
  - (a) D and G
- (b) E and C
- (c) A and B
- (d) can't be determined

- 42. Which of the following is false?
  - (a) G has 4 older brothers.
  - (b) A is older than G but younger than E.
  - (c) B has three older brothers.
  - (d) There is probably a pair of twins among the brothers.

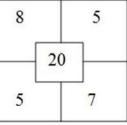
43.



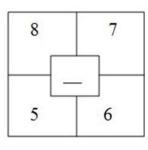
(a) 28



(b) 20



(c) 10



(d) 25

44.



 $12 \underbrace{0.6}_{0.5} 67.5$ 



- (a) 21.5
- (b) 22.59
- (c) 27
- (d) 24.55

45. Find the next number in the given series?

- 3
- 20
- 87 392
- (a) 1963
- (b) 2015
- (c) 1612
- (d) None of these

46. If the following words are arranged in logical order, then what will come in the third place in ascending order?

- (1) Major
- (2) Lieutenant
- (3) Captain
- (4) Brigadier
- (5) Lieutenant

General

- (a) Lieutenant
- (b) Major
- (c) Captain
- (d) Lieutenant General

47. In a certain code, DECEMBER is written as EMDBECCE. Which word will be written as ERMBVENO in that code?

- (a) RVEEBMMB
- (b) EEMMBKTV
- (c) MPJKTJVF
- (d) None of these

48. The maximum number of points of intersection of 4 circles and 4 straight lines is

- (a) 25
- (b) 50
- (c) 56
- (d)72

49. If the concept of Leap Year is as

- (i) Every year divisible by 5 is Leap Year except 100th Year.
- (ii) Every 100<sup>th</sup> year divisible by 500 is Leap Year and there are 29 days in February in a Leap Year and 28 Days in February in Non-Leap Year.

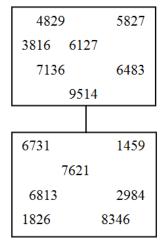
What was the day on 28th March, 2001. If there was Monday on 29th Dec., 1999.

- (a) Monday
- (b) Tuesday
- (c) Wednesday
- (d) Thursday

50. Which two numbers, one in the top rectangle and one in the bottom rectangle, are the odd

ones out?

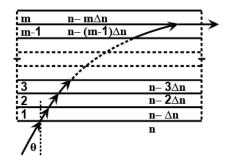
- (a) 5827 and 1826
- (b) 6483 and 8346
- (c) 3816 and 6813
- (d) 6127 and 7621



#### Science (20)

#### Physics (7)

51. A monochromatic light is travelling in a medium of refractive index n=1.6. It enters a stack of glass layers from the bottom side at an angle  $\theta=30^{\circ}$ . The interfaces of the glass layers are parallel to each other.



The refractive indices of different glass layers are monotonically decreasing as  $n_m = n - m\Delta n$ , where  $n_m$  is the refractive index of the  $m^{th}$  slab and  $\Delta n = 0.1$  (see the figure). The ray is refracted out parallel to the interface between the  $(m-1)^{th}$  and  $m^{th}$  slabs from the right side of the stack. What is the value of m?

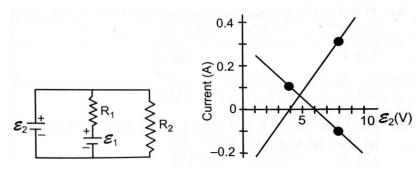
(a) 2

(b) 4

(c) 6

(d) 8

52. In the circuit shown, both batteries are ideal. EMF  $\varepsilon_1$  of battery 1 has a fixed value, but emf  $\varepsilon_2$  of battery 2 can be varied between 1.0 V and 10.0 V. The graph gives the currents through the two batteries as a function of  $\varepsilon_2$ , but are not marked as which plot corresponds to which battery. But for both plots, current is assumed to be negative when the direction to the current through the battery is opposite the direction of that battery's emf. (Direction of emf is from negative to positive)



The values of  $\varepsilon_1$  and  $R_1$  are :

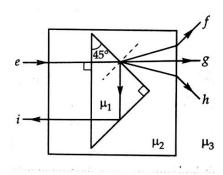
(a) 8 V, 20  $\Omega$ 

(b) 6 V, 20  $\Omega$ 

(c) 4 V,  $10 \Omega$ 

(d) 2 V,  $10 \Omega$ 

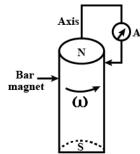
53. A right angled prism of refractive index  $\mu_1$  is placed in a rectangular block of refractive index  $\mu_2$ , which is surrounded by a medium of refractive index  $\mu_3$ , as shown in the figure. A ray of light 'e' enters the rectangular block at normal incidence. Depending upon the relationship between  $\mu_1$ ,  $\mu_2$  and  $\mu_3$ , it takes one of the four possible paths 'ef,'eg','eh' and 'ei'.



Match the paths in List I with conditions of refractive indices in List II and select the correct answer.

List I		List II		
P.	$e \rightarrow f$	1.	$\mu_1 > \sqrt{2}\mu_2$	
Q.	$e \rightarrow g$	2.	$\mu_2 > \mu_1 \text{ and } \mu_2 > \mu_3$	
R.	$e \rightarrow h$	3.	$\mu_1 = \mu_2$	
S.	$e \rightarrow i$	4.	$\mu_2 < \mu_1 < \sqrt{2}\mu_2 \text{ and } \mu_2 > \mu_3$	

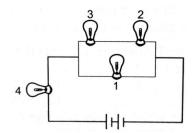
- (a)  $P\rightarrow 1$ ;  $Q\rightarrow 2$ ;  $R\rightarrow 3$ ,  $S\rightarrow 4$
- (b)  $P\rightarrow 1$ ;  $Q\rightarrow 2$ ;  $R\rightarrow 4$ ,  $S\rightarrow 3$
- (c)  $P\rightarrow 2$ ;  $Q\rightarrow 3$ ;  $R\rightarrow 4$ ,  $S\rightarrow 1$
- (d)  $P\rightarrow 4$ ;  $Q\rightarrow 3$ ;  $R\rightarrow 2$ ,  $S\rightarrow 1$
- A cylindrical bar magnet is rotated about its axis (Figure). A wire is connected from the axis and is made to touch the cylindrical surface through a contact. Then
  - (a) A direct current flow in the ammeter A.
  - (b) No current flow through the ammeter A.
  - (c) An alternating sinusoidal current flow through the ammeter A with a time =  $2\pi\omega$
  - (d) A time varying non-sinusoidal current flows through the ammeter.



55. Two wires each carrying a steady current *I* are shown in four configurations in Column-I. Some of the resulting effects are described in Column-II. Match the statements in Column-I with the statements in Column-II.

	Column-I		Column-II
(1)	Point P is situated midway between the wires.	(p)	The magnetic field (B) at P due
	P •		to the currents in the wires are in the same direction.
(2)	Point P is situated at the mid-point of the line joining the centers of the circular wires, which have same radii.	(q)	The magnetic fields (B) at P due to the currents in the wires are in opposite directions.
(3)	Point P is situated at the mid-point of the line joining the centers of the circular wires, which have same radii.	(r)	There is no magnetic field at P.
(4)	Point P is situated at the common centre of the wires.	(s)	The wires repel each other.

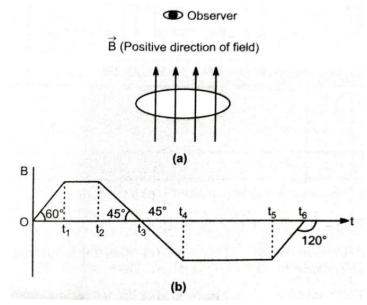
- (a)  $1\rightarrow p$ , r;  $2\rightarrow q$ ;  $3\rightarrow q$ , r;  $4\rightarrow q$  (b)  $1\rightarrow q$ , r;  $2\rightarrow p$ ;  $3\rightarrow q$ , r;  $4\rightarrow p$
- (c)  $1 \rightarrow s$ , r;  $2 \rightarrow p$ ;  $3 \rightarrow q$ , r;  $4 \rightarrow p$  (d)  $1 \rightarrow r$ ;  $2 \rightarrow p$ ;  $3 \rightarrow q$ , r;  $4 \rightarrow s$
- 56. All bulbs consume same power. The resistance of bulb 1 is  $36\Omega$ .



What is the voltage output of the battery if the power consumed by each bulb is 4 W?

- (a) 12 V
- (b) 24 V
- (c) 16 V
- (d) none of these

A conducting loop is held in a magnetic field such that the field is oriented perpendicular to the 57. area of the loop as shown in figure (a). At any instant magnetic field over the entire area has the same value but it varies with time as shown in figure (b).



	Column-I	Column-II		
(1)	Induced current in the coil is	(p)	For $t_2 < t < t_3$	
	in the clockwise sense			
(2)	Induced current in the coil is	(q)	For $t_3 < t < t_4$	
	in the anticlockwise sense			
(3)	Induced current is zero	(r)	For $t_5 < t < t_6$	
(4)	Induced current is maximum	(s)	For $t_4 < t < t_5$	

- (a)  $1 \rightarrow s$ ;  $2 \rightarrow p$ , q;  $3 \rightarrow p$ , s;  $4 \rightarrow r$  (b)  $1 \rightarrow q$ , r;  $2 \rightarrow p$ , q;  $3 \rightarrow s$ ;  $4 \rightarrow p$
- (c)  $1\rightarrow s$ , r;  $2\rightarrow p$ , q;  $3\rightarrow s$ ;  $4\rightarrow q$
- (d)  $1\rightarrow r$ ;  $2\rightarrow p$ , q;  $3\rightarrow s$ ;  $4\rightarrow r$

#### Chemistry (7)

- 58. Which of the following species contains equal number of  $\sigma$  and  $\pi$ -bonds?
  - (a)  $(CN)_2$
- (b)  $CH_2(CN)_2$
- (c)  $HCO_3^-$
- (d) XeO<sub>4</sub>
- 59. A weak monobasic acid is 0.1% ionized at 0.1 M. Hence, its pH is
  - (a) 2
- (b) 3
- (c)4
- (d) 5
- 60. Which of the following changes requires a reducing agent?
  - (a)  $CrO_4^{2-} \to Cr_2O_7^{2-}$
- (b)  $BrO_3^- \rightarrow BrO^-$
- (c)  $H_3AsO_3 \rightarrow HAsO_4^{2-}$  d)  $Al(OH)_3 \rightarrow Al(OH)_4^{-}$

The IUPAC name of the given compound 61.



- (a) 1-Ethyl-2-methylcyclohexene
- (b) 2-Methyl-1-ethylcyclohexene
- (c) 3-Ethyl-2-methylcyclohexene
- (d) 4-Ethyl-3-methylcyclohexene
- 62. Select the correct statement.
  - (a) CaCO<sub>3</sub> is more soluble in a solution of CO<sub>2</sub> than in H<sub>2</sub>O
  - (b) Na<sub>2</sub>CO<sub>3</sub> is converted to Na<sub>2</sub>O and CO<sub>2</sub> on heating
  - (c) Li<sub>2</sub>CO<sub>3</sub> is thermally stable
  - (d) Presence of CaCl, or CaSO<sub>4</sub> in water causes temporary hardness
- 63. In which of the following, the oxidation number of oxygen has been arranged in increasing order?

  - (a)  $BaO_2 < KO_2 < O_3 < OF_2$  (b)  $OF_2 < KO_2 < BaO_2 < O_3$

  - (c)  $BaO_2 < O_3 < OF_2 < KO_2$  (d)  $KO_2 < OF_2 < O_3 < BaO_2$
- During the process of electrolyte refining of copper, some metals present as impurity settle as 64. 'anode mud'. These are:
  - (a) Sn and Ag
- (b) Pb and Zn
- (c) Ag and Au
- (d) Fe and Ni

#### Biology (6)

- 65. A male rabbit of genotype AA BB DD EE is crossed with female rabbit of genotype aa bb dd ee to produce F<sub>1</sub> hybrid offspring. How many genetically different gametes can be produced by this F<sub>1</sub> hybrid
  - (a) 4
- (b) 8
- (c) 16
- (d) 32
- The accumulation of urea in the blood due to malfunctioning of kidneys is referred to as 66.
  - (a) uremia
- (b) renal calculi
- (c) edema
- (d) glomerulonephritis
- 67. Hormones secreted by the placenta to maintain pregnancy are
  - (a) hCG, hPL, progestogens, prolactin
- (b) hCG, hPL, estrogens, relaxin, oxytocin
- (c) hCG, hPL, progestogens, estrogens
- (d) hCG, progestogens, estrogens, glucocorticoids
- 68. The appetite and satiety centres in the brain are located in the region of the
  - (a) hypothalamus
- (b) cerebral hemispheres
- (c) medulla oblongata
- (d) cerebellum

- 69. Which one of the following is the most important cause for animals and plants being driven to extinction?
  - (a) Habitat loss and fragmentation
- (b) Drought and floods
- (c) Economic exploitation
- (d) Allien species invasion
- 70. Minamata disease is a pollution-related disease which results from
  - (a) release of human organic waste into drinking water;
  - (b) accumulation of arsenic into atmosphere;
  - (c) release of industrial waste mercury into fishing water;
  - (d) oil spills into sea

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LAXIT in the ASIAN PARALYMPIC GAMES (Bahrain) **Bronze Medal** 



in Distt, Rewari in Bal Mahotsava 2021 9th Time in a Row

RPS SR. SEC. SCHOOL

(MAHENDERGARH) Claimed Distt. Narnaul

**CHAMPION'S TROPHY** 

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CHAMPION

STUDENTS KVPY

STUDENTS NDA

62 STUDENTS

STUDENTS