

RPS GROUP OF SCHOOLS

ADMISSION-*Cum*-SCHOLARSHIP TEST

For Grade III to XI

Sunday, 1st January 2023

APPEARING FOR CLASS VI

**SCHOLARSHIP ASPIRANTS TODAY
VICTORS IN LIFE TOMORROW !**

At **RPS** *Excellence is a* **HABIT**

NEET TOPPER

Above 600 Marks
45⁺
STUDENTS

Above 550 Marks
91⁺
STUDENTS

Total
Qualifiers
405⁺
STUDENTS



IIT-JEE TOPPER



OUR RESULTS SPEAK LOUDER THAN WORDS

SESSION 2022-23



APPEARING FOR CLASS VI

EVS:- 1-20

English: 21-40

Mathematics: 41-60

TIME: 90 Minutes

M.M. 60

Student's Name:Father's Name: Mobile No.:

Address

Present School:

General Instructions:

1. Duration of Test is 90 minutes and Question Paper contains 60 Questions with maximum 60 marks.
2. Use of gadgets is not allowed.
3. Student should abide by the instructions issued during the examination by the invigilator or the centre incharge.
4. Before attempting the question paper ensure that it contains all the pages and that no question is missing.
5. **There is No Negative marking.**

Correct Method



Wrong Method



EVS(20 Marks)

Q1. The people who study about earthquakes are called:-

- (a) Receptionist (b) Seismologist (c) Cardiologist (d) All of these

Q2. The first Indian satellite , Aryabhata was launched on 19 April _____.

- (a) 1977 (b) 1974 (c) 1976 (d) 1975

Q3. Body of which of the following animals is covered with cuticle?

- (a) Porcupine (b) Snake (c) Bee (d) Crocodile

Q4. A stretched bow possesses which of the following types of energy?

- (a) Kinetic (b) Hydro (c) Geothermal (d) Potential

Q5. Which of the following diseases is caused due to protozoa?

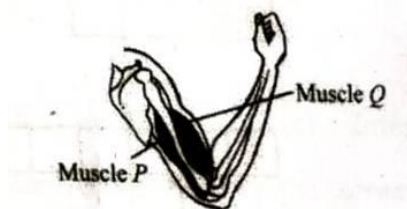
- (a) Malaria (b) Rabies (c) Pneumonia (d) Common cold

Q6. Match the following vitamins with the functions they perform.

List I		List II	
A.	Vitamin A	1.	Protects cell from damage
B.	Vitamin D	2.	Clot master
C.	Vitamin K	3.	Good for eyesight
D.	Vitamin E	4.	Keeps bones and teeth strong

- | | A | B | C | D |
|-----|---|---|---|---|
| (a) | 3 | 4 | 2 | 1 |
| (b) | 1 | 3 | 2 | 4 |
| (c) | 4 | 2 | 3 | 1 |
| (d) | 3 | 2 | 1 | 4 |

Q7. Study the given diagram showing the bending of an arm.



What is the condition of the muscles P and Q during bending of the arm?

- (a) Both muscles P and Q are relaxed.
- (b) Both muscles P and Q are contracted.
- (c) Muscle P is contracted while muscle Q is relaxed.
- (d) Muscle P is relaxed while muscle Q is contracted.

Q8. The coloured part of the human eye that controls how much light passes through the pupil is called _____.

- (a) cerebrum
- (b) iris
- (c) melanin
- (d) quadriceps

Q9. Match the following:-

- | | |
|---------------------------------|--------------------------------|
| a. Second phase of moon | i) Third-quarter moon |
| b. Fifth phase of moon | ii) Waning gibbous moon |
| c. Sixth phase of moon | iii) Waxing crescent |
| d. Seventh phase of moon | iv) Full moon |

Options:

- (a) a-iv, b-iii, c-ii, d-i
- (b) a-i, b-ii, c-iii, d-iv
- (c) a-iii, b-iv, c-ii, d-i
- (d) a-iv, b-i, c-ii, d-iii

Q10. Sound waves do not travel through _____.

- (a) solids
- (b) liquids
- (c) gases
- (d) vacuum

Q11. Who discovered the Polio vaccine?

- (a) Konrad Zuse
- (b) Jonas Salk
- (c) Louis Pasteur
- (d) Eli Whitney

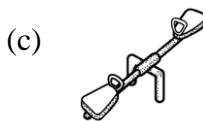
Q12. What happens to atmospheric pressure when we go up in the atmosphere?

- (a) It increases (b) It decreases (c) It remains same (d) All of these

Q13. Solid \longrightarrow Liquid : Melting :: _____ : Freezing

- (a) Gas \longrightarrow Liquid (b) Liquid \longrightarrow Gas (c) Solid \longrightarrow Gas (d) Liquid \longrightarrow Solid

Q14. In which of the following simple machines fulcrum lies between load and effort?



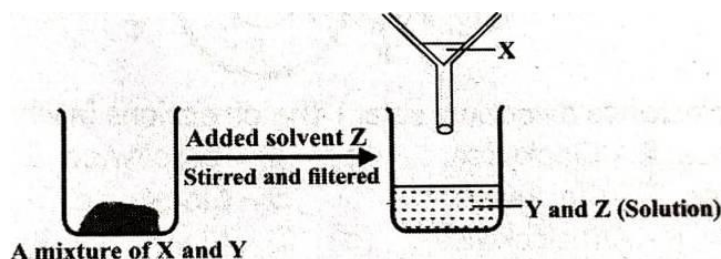
Q15. Which part of the brain controls your breathing?

- (a) Pituitary Gland (b) Cerebrum (c) Brain Stem (d) Cerebellum

Q16. Which one of the following options is incorrect?

- (a) Deforestation will cause an increase in temperature of earth's atmosphere leading to global warming.
(b) Deforestation will cause soil erosion making the soil infertile and lead to desertification.
(c) Deforestation will lead to evolution of many new wild animals and plants.
(d) Deforestation affects the water cycle leading to decrease in rainfall.

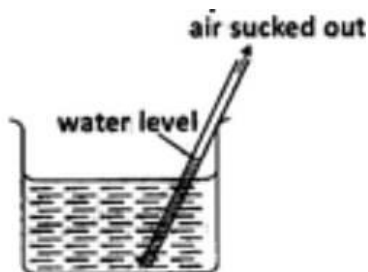
Q17. Riya performed an experiment as shown below:



Select the correct option regarding it.

- (a) X could be common salt, Y could be sand and Z could be water.
(b) If X is sand and Z is water then Y can be recovered by evaporating Z.
(c) Both X and Y are insoluble in solvent Z.
(d) X is a liquid whereas Y is a solid.

Q18. The figure shows a straw placed in a beaker of water.



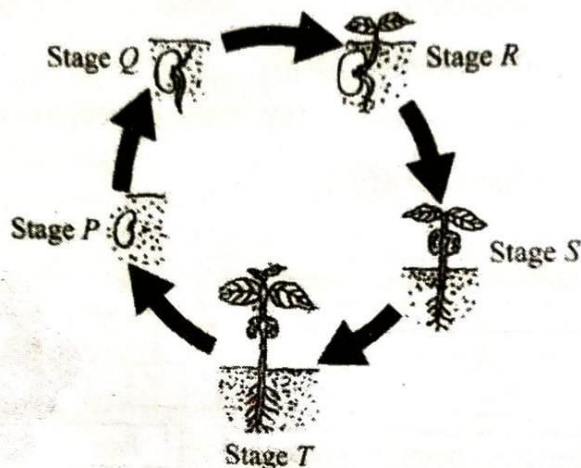
The water level in the straw rises when air is sucked out, this is because:-

- (a) Atmospheric pressure has increased.
(b) Air pressure inside the straw is the same as the atmospheric pressure.
(c) Air pressure inside the straw becomes lower than the atmospheric pressure.
(d) Air pressure inside the straw becomes higher than the atmospheric pressure.

Q19. A child's ribs are clearly visible. He is suffering from _____.

- (a) Kwashiorkor (b) Scurvy (c) Marasmus (d) Rickets

Q20. The given diagram shows the life cycle of a plant.



Which of the following statements are true regarding it?

- (i) Sunlight is not needed at stage Q
(ii) Photosynthesis takes place only at stages R and S
(iii) Stage P is not affected by what happens at stage T
(iv) The seed at stage P needs air, water and warmth to reach stage Q
- (a) (i) and (iv) only (b) (ii) and (iii) only
(c) (i), (ii) and (iii) only (d) (i), (ii), (iii) and (iv)

ENGLISH (20 Marks)

Read the following passage carefully and answer the questions based on it: (Q 21 - 24)

Prose consists of writing that does not adhere to any particular formal structures (other than simple grammar), "non-poetic" writing, perhaps. The term sometimes appears negatively, but prosaic writing simply says something without necessarily trying to say it in a beautiful way or using beautiful words. Prose writing can of course take beautiful form, but less by virtue of the formal features of words (rhymes, alliteration, metre) rather by style, placement or inclusion of graphics. But one need not mark the distinction precisely, and perhaps cannot do so. One area of overlap is "prose poetry", which attempts to convey using only prose, the aesthetic richness of typical poetry.

Q21. What is prose?

- (a) A formal structure (b) An informal structure (c) Poetic writing (d) All of these

Q22. What does prosaic writing say?

- (a) artful content (b) beautifully written content
(c) simple content (d) All of these

Q23. What makes the prose writing beautiful?

- (a) Style (b) Placement (c) Inclusion of graphics (d) All of these

Q24. What does prose poetry convey?

- (a) Only prose (b) The aesthetic richness of typical poetry
(c) Prose and poetry (d) Poetry

Q35. Match the following List I with List II.

List I		List II	
A.	For	1.	Joins two alternative ideas
B.	And	2.	Meaning 'because'
C.	Nor	3.	Joining two similar ideas
D.	Or	4.	Joining two negative alternatives

	A	B	C	D
(a)	1	2	3	4
(b)	2	3	4	1
(c)	3	1	2	4
(d)	4	2	3	1

Q36. Read the following sentences and choose the correct option.

- A. They rain into the garden.
 B. She is the boy I was looking.
 C. He picked a quarrel with me.
 D. The train stops to pick passengers.

- (a) A and B are correct. (b) A and C are correct.
 (c) B and C are correct. (d) C and D are correct.

Q37. Right now, I am watching TV. Tomorrow at this time, I (watch)_____ TV as well.

- a) will be watching (b) watched (c) will watch (d) will going to watch

Q38. Choose Indirect form of the given sentence:-

Salena said to Rani, "You should visit Shimla in the summer."

- (a) Salena asked Rani if she was visiting Shimla in the summer.
 (b) Salena suggested Rani that she should visit Shimla in the summer.
 (c) Salena told Rani if she should visit Shimla in the summer.
 (d) Salena asked Rani where she should visit in Shimla this summer

Q39. Put in apostrophe wherever needed:-

Mr. Joshis brother is a doctor whose flat is at the eighth floor.

- (a) Joshi's (b) who's (c) both (a) and (b) (d) none of these

Q40. Choose the appropriate meaning of the phrase given below:-

A poor workman blames his tools.

- (a) A person who blames others for his failures.
 (b) A person whose tools are of no use.
 (c) A person who cannot use the tools properly.
 (d) Both (a) and (c)

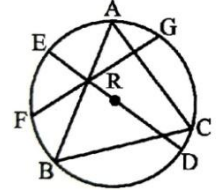
MATHEMATICS (20 Marks)

Q41. What is the missing number in the given mathematical statement?

$$0.21 \times 7 = 0.21 \times 4 + 0.21 \times ?$$

- (a) 2 (b) 5 (c) 3 (d) 7

Q42. How many chords and radii are there in the following figure respectively?



- (a) 6,3 (b) 3,2 (c) 5,2 (d) 4,3

Q43. Find the value of $\frac{x+y}{3}$, if $x = \frac{4}{3} \times \frac{9}{12}$ and $y = \frac{3}{7} \times \frac{14}{6}$:-

- (a) $\frac{1}{2}$ (b) $\frac{1}{3}$ (c) $\frac{2}{3}$ (d) $\frac{3}{2}$

Q44. Identify the smallest number in the following collection.

			$\frac{1}{5}$
		$\frac{1}{4}$	$\frac{1}{2}$
	$\frac{1}{3}$	$\frac{4}{16}$	$\frac{2}{16}$
$\frac{1}{16}$	$\frac{2}{5}$	$\frac{2}{8}$	$\frac{3}{5}$

- (a) $\frac{3}{5}$ (b) $\frac{1}{16}$ (c) $\frac{4}{16}$ (d) $\frac{1}{4}$

Q45. If 6 is a factor of the number $598*506$, then which of the following digits cannot be at the place of (*)?

- (a) 0 (b) 2 (c) 6 (d) 9

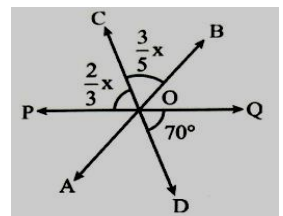
Q46. How many times 29 should be added to itself so that sum becomes equal to the difference of 41058 and 69681?

- (a) 987 times (b) 698 times (c) 979 times (d) 838 times

Q47. Peter and Ali brought an equal amount of money for shopping. Peter spent ₹ 600 and Ali spent ₹ 1200 after that Ali had $\frac{5}{8}$ of what Peter has left. Find the difference of money that Peter and Ali had left after shopping.

- (a) ₹ 1200 (b) ₹ 300 (c) ₹ 600 (d) ₹ 800

Q48. What is the measure of $\angle AOP$ in the figure shown below?



- (a) 35° (b) 37° (c) 43° (d) 47°

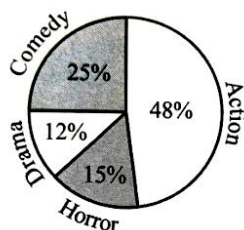
Q49. How many $\frac{1}{16}$'s make $3\frac{1}{4}$?

- (a) 26 (b) 52 (c) 24 (d) 39

Q50. The cost price of one dozen pencils is equal to the selling price of one and half dozen pencils. Find the profit or loss in percent.

- (a) $33\frac{1}{3}\%$ Profit (b) $33\frac{1}{3}\%$ loss (c) $37\frac{1}{3}\%$ Profit (d) $37\frac{1}{3}\%$ loss

Q51. Given pie chart represents the kind of movies that liked as best by 200 people in a survey.



72 more people liked action movies than _____ movies.

- (a) Comedy (b) Horror (c) Drama (d) All of these

Q52. If 54 is the 3rd common multiple of 6 and ▲, then the smallest possible number for ▲ is:

- (a) 12 (b) 9 (c) 3 (d) 18

Q53. 1080 pencils, 2160 pens and 1440 erasers are distributed equally among some students of a school with nothing leftover. What is the biggest possible number of the students?

- (a) 540 (b) 360 (c) 720 (d) 432

Q54. Which one of the following Roman numerals is valid?

- (a) VD (b) VL (c) VV (d) None of these

Q55. What is the area of square whose perimeter is 96cm?

- (a) 96cm² (b) 24cm² (c) 576cm² (d) 48 cm²

Q56. Which one of the following statements is true?

- (a) When 1 is added to the largest 4 –digit number we get the largest 5-digit number.
 (b) Thousand × Thousand ×Thousand =1 million.
 (c) 100 million = 10crore
 (d) All of these

Q57. Choose the correct statement.

- (a) A circle can have 4 diameters in maximum.
 (b) The longest chord of a circle is radius.
 (c) Only one triangle can be drawn through three non- collinear points.
 (d) None of these

Q58. Choose the correct conversion.

- (a) 6789 mm = 67 m 89 mm (b) 15099 mg = 15 g 99mg
 (c) 6700 cg = 60 g 700 cg (d) 5213 L = 52 KL, 213L

Q59. The value of (0.7 + 0.7 + 0.7+ up to 11 times) is same as

- (a) $10 + \frac{1}{10}$ (b) $10 + \frac{7}{10}$ (c) $10 - \frac{7}{10}$ (d) $7 + \frac{7}{10}$

Q60. The value of the expression given below lies in between _____.

$$4+18 \times 27 \div 36 - 8$$

- (a) 7 to 8 (b) 8 to 9 (c) 9 to 10 (d) 10 to 11

THANK YOU FOR BELIEVING IN US!

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TOPPER**

VINAYAK

**99.2% IN CLASS X
CBSE BOARD EXAMINATION 2022**

**XII CLASS
TOPPER**

SANYAM BANSAL

**1ST
RANK**

**1ST RANK, INTERNATIONAL COMMERCE
OLYMPIAD, CTF, DELHI**

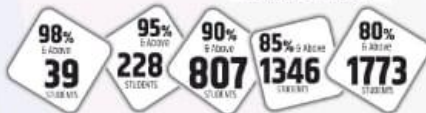
**1ST RANK- ICAL COMMERCE WIZARD
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1ST RANK (STATE)-STSE, RAJASTHAN

SANYAM BANSAL

**99.8% IN CLASS XII
CBSE BOARD EXAMINATION 2022**

Class X-2022



**TOTAL
MERITS
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Class XII-2022



**TOTAL
MERITS
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