

# RPS GROUP OF SCHOOLS

## ADMISSION-*Cum*-SCHOLARSHIP TEST

For Grade III to XI

Sunday, 1<sup>st</sup> January 2023

**APPEARING FOR CLASS V**

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

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

NEET TOPPER

Above 600 Marks

**45<sup>+</sup>**  
STUDENTS

Above 550 Marks

**91<sup>+</sup>**  
STUDENTS

Total  
Qualifiers

**405<sup>+</sup>**  
STUDENTS



IIT-JEE TOPPER



**OUR RESULTS SPEAK LOUDER THAN WORDS**

**SESSION 2022-23**





**APPEARING FOR CLASS V**

**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. When water starts boiling, bubbles are formed. Which one of the following reasons is responsible for this?**
- (a) These bubbles are actually dissolved gases which separate from water on heating.
  - (b) These bubbles are nothing just water droplets which keep on changing into gas.
  - (c) These bubbles are water vapours which are formed due to boiling of water.
  - (d) All of these
- Q2. At room temperature, the camphor is found in \_\_\_\_\_ State.**
- (a) solid
  - (b) liquid
  - (c) gas
  - (d) plasma
- Q3. Hibernation is a process in which animals go to winter sleep. What is the reason behind this?**
- (a) due to tiredness
  - (b) due to scarcity of food and extreme cold
  - (c) to compensate the consumed energy
  - (d) to digest the food

**Q4. Which one of the following sense organs is also the largest organ of human body?**

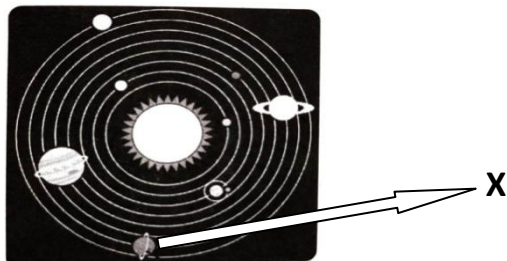
- (a) tongue                      (b) skin                      (c) eye                      (d) nose

**Q5. Which one of the following microorganisms can copy itself only when it enters into the body of a living organism?**

- (a) Algae                      (b) Protozoa                      (c) Viruses                      (d) Bacteria

**Q6. Name the planet that has been indicated by the letter X in the figure .**

- (a) Jupiter  
(b) Uranus  
(c) Neptune  
(d) Pluto



**Q7. Under which one of the following groups, peels of vegetables should be kept?**

- (a) biodegradable                      (b) non-biodegradable                      (c) hazardous                      (d) toxic

**Q8. We, human beings, depend on our \_\_\_\_\_ for all our needs.**

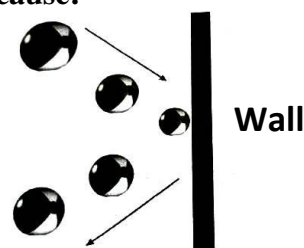
- (a) ionosphere                      (b) environment                      (c) lithosphere                      (d) hydrosphere

**Q9. Breaking up of rocks by natural agents like wind, rain and temperature is called\_\_\_\_\_.**

- (a) erosion                      (b) gradation                      (c) denudation                      (d) weathering

**Q10. In the following figure, the direction of the ball changed on the wall because:**

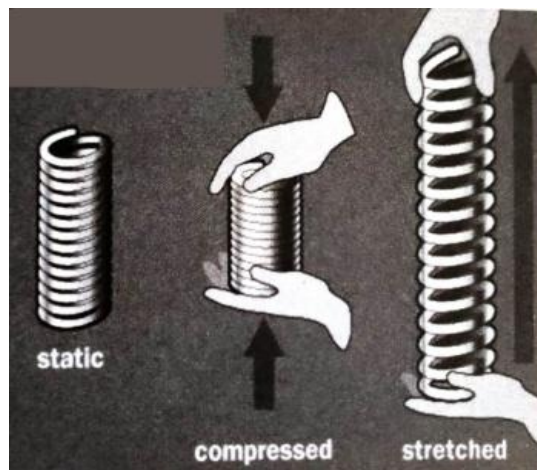
- (a) wall applied force on the ball  
(b) ball automatically changed its direction  
(c) of softness of the wall  
(d) of due to gravitational force



**Q11. We suspend an object to the end of the hook of a spring. The spring is stretched.**

**What type of energy is stored in the stretched spring?**

- (a) Pull energy  
(b) Push energy  
(c) Potential Energy  
(d) Kinetic Energy



**Q12. We sprinkle powder on the carrom board. Why?**

- (a) To increase friction                      (b) To get pleasant smell  
(c) To decrease friction                      (d) To make the carrom board white so that it looks beautiful

**Q13. When we heat a substance, force of attraction among the particles gets\_\_\_\_\_**

- (a) weaker                      (b) strengthened                      (c) remains same                      (d) all of these

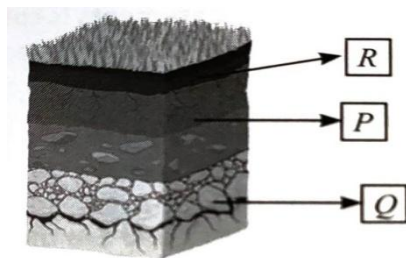
**Q14. Nerves which carry the messages from the sense organs to the spinal cord or brain are:**

- (a) motor nerves (b) sensory nerves  
(c) both types of nerves carry messages to the brain (d) none of the above

**Q15. X, Y and Z are three animals. Y has thick layer of fur on its body and gives birth to babies. X has thick layer of fat under the skin and lays eggs and Z has dry skin covered with scales and lays eggs. Identify X, Y and Z.**

- (a) X-Chameleon, Y- Penguin, Z- Koala (b) X-Penguin, Y- Chameleon, Z-Polar Bear  
(c) X-Penguin, Y- Polar Bear, Z- Chameleon (d) X-Polar Bear, Y-Chameleon, Z- Penguin

**Q16. Which one of the following statements is correct for the given diagram?**



- I. Q represents bed rock and lies below top soil.  
II. R represents top soil and is rich in minerals and humus.  
III. P represents sub soil and contains maximum amount of humus in it.  
IV. Q represents bed rock and is hard, non-porous in the inner side.

- (a) I and II (b) II and III (c) II and IV (d) III and IV

**Q17. Identify the fixed aquatic plant from the following:-**

- (a) Duckweed (b) Hydrilla  
(c) Lotus (d) Water hyacinth

**Q18. Consider the following statements.**

**Statement 1:** Revolution of the Earth is responsible for the formation of days and nights.

**Statement 2:** Rotation of the Earth is responsible for the formation of days and nights.

**Statement 3:** Spinning of the Earth on its own axis is called revolution.

**Which one of the given statements is correct?**

- (a) Statements 1 and 2 are correct (b) ) Statements 2 and 3 are correct  
(c) Statement 1 is correct (d) Statement 2 is correct

**Q19. One of the best solutions to get rid of non- biodegradable wastes is\_\_\_\_\_.**

- (a) burning (b) dumping (c) burying (d) recycling

**Q20. Which one of the following statements about tadpoles and frogs is incorrect?**

- (a) Both tadpoles and frogs can swim (b) Both tadpoles and frogs breathe through gills  
(c) Tadpoles have tails but frogs do not (d) Young tadpoles have no legs but frogs have four legs

## ENGLISH (20 Marks)

**Read the passage carefully and answer the questions:- (Q21,22 and 23)**

Classical Indian dances are among the most graceful and beautiful dances in the world. Dancers use their eyes, hands, arms, legs, knees, waist and feet to express various emotions like love, anger, hatred and amazement. They dance to vocal and instrumental accompaniments. There are five major styles of Indian classical dance: 1) Bharat Natyam, 2) Kathak, 3) Odissi, 4) Kathakali and 5) Manipuri. Though these dances were developed in different regions of India, they share the common thread of telling stories of Hindu Gods.

**Q21. Indian classical dancers dance to \_\_\_\_\_.**

- (a) vocal accompaniment                      (b) instrumental accompaniment  
(c) emotions                                      (d) Both a and b

**Q22. Dancers express the emotions of \_\_\_\_\_.**

- (a) love                                      (b) hatred and amazement      (c) anger                                      (d) All of these

**Q23. Which one of the following words has been misspelled?**

- (a) instrumental      (b) accompaniments      (c) amazement      (d) both b and c

**Q24. Choose appropriate articles to fill in the blanks-**

**I saw \_\_\_\_\_ laptop in \_\_\_\_\_ shop. \_\_\_\_\_ laptop was very good.**

- (a) a, the, A                      (b) a, a, The                                      (c) the, the, A                                      (d) a, a, A

**Q25. I found \_\_\_\_\_ one rupee coin on \_\_\_\_\_ way to my home.**

- (a) the, the                                      (b) a, a    (c) a, the    (d) the, a

**Q26. Choose suitable prepositions to fill in the blanks:- (Q26-27)**

**She walks \_\_\_\_\_ her house \_\_\_\_\_ the supermarket.**

- (a) from, from                                      (b) to, for    (c) from, to    (d) in, into

**Q27. The lift stopped \_\_\_\_\_ the eighth floor and Jiya was stuck \_\_\_\_\_ it.**

- (a) at, at    (b) on, on    (c) in, at    (d) at, in

**Q28. Choose the correct antonym of the word given in CAPITAL: -**

**SERENITY**

- (a) quietness                                      (b) sincere    (c) bustle    (d) stop

**Q29. Choose the word which is not a synonym of the word given in CAPITAL:-**

**COURAGE**

- (a) boldness                                      (b) valour    (c) bravery    (d) blunt

**Q30. Choose the option with a correct sentence :-**

- (a) Going to the beach are very fun.  
(b) I forgot do to my homework.  
(c) I don't thinks so.  
(d) I am very hungry.

**Q31. The given sentence has an error. Select the part which has an error.**

The                      soldiers                      foughts                      very bravely.

1                                      2                                      3                                      4

(a) 1                                      (b) 4                                      (c) 3                                      (d) 2

**Q32. Choose the correct verb to fill in the blank:-**

**Titanic \_\_\_\_\_ in the ocean. (sink)**

(a) sank                                      (b) sinks                                      (c) sink                                      (d) sunk

**Q33. I did not \_\_\_\_\_ the window pane.**

(a) broke                                      (b) breaks                                      (c) breaking                                      (d) break

**Choose the correct option for the underlined words in the given sentences. (Q34-35)**

**Q34. That was an excellent innings.**

(a) Interrogative Pronoun                      (b) Personal Pronoun  
(c) Demonstrative Pronoun                      (d) Demonstrative Adjective

**Q35. Their letters were delivered on time.**

(a) Demonstrative Pronoun                      (b) Demonstrative Adjective  
(c) Possessive Adjective                      (d) Possessive Pronoun

**Q36. Choose Past Tense form (V<sub>2</sub>) of "spread" :-**

(a) spred                                      (b) spreaded                                      (c) spread                                      (d) sprode

**Q37. Identify the kind of noun for the underlined word in the given sentence:-**

**There is no hope of his recovery.**

(a) Collective Noun    (b) Common Noun    (c) Proper Noun    (d) Abstract Noun

**Q38. Choose correct word to fill in the blank:-**

Yesterday I saw a \_\_\_\_\_ of ships.

(a) coffee                                      (b) pack                                      (c) fleet                                      (d) flock

**Q39. Rearrange the following words to form a meaningful sentence and choose correct option:-**

of using abusive words : P

in the habit                      : Q

he is                      : R

when he speaks                      : S

(a) RPQS                      (b) QRPS                      (c) RQSP                      (d) RQPS

**Q40. DEVAEREB**

(a) Bereved                      (b) Berevead                      (c) Beraeved                      (d) Bereaved

**MATHEMATICS (20 Marks)**

**Q41. Product of the two numbers is equal to the sum of 43332 and 444. If one of the numbers is 96, find the other number.**

(a) 456                      (b) 546                      (c) 645                      (d) 654

**Q42.**  $A = \frac{5}{12}$ ,  $B = \frac{3}{12}$ , and  $C = \frac{15}{12}$ . Find the value of  $2A(B+C)$ .

- (a)  $\frac{5}{9}$                       (b)  $\frac{5}{4}$                       (c)  $\frac{4}{5}$                       (d)  $\frac{5}{8}$

**Q43.** In a park, number of people is X and number of dogs is Y. Rahim notices that there are total 38 legs. How many people and dogs are there in the park?

- (a) 3 people and 5 dogs                      (b) 4 people and 8 dogs  
(c) 2 people and 8 dogs                      (d) 3 people and 8 dogs

**Q44.** Find the value of 'R' in the Mathematical statements given below.

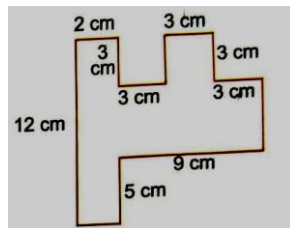
(i)  $17\frac{2}{7} \times 0 \times 8.29 = P$     (ii)  $P + 12\frac{1}{2} - \frac{1}{2} = Q$     (iii)  $Q \times 0.12 + 0.56 = R$

- (a) 1.12                      (b) 1                      (c) 2                      (d) 3

**Q45.** Pole A is twice as long as pole B. Pole C is 260 cm shorter than pole A. If pole C is 1040 cm long, then what is the total length of the three poles?

- (a) 4128 cm                      (b) 3940 cm                      (c) 2990 cm                      (d) 2480 cm

**Q46.** Raghav has a garden in the shape of given figure. Find the perimeter of the garden.



- (a) 56 cm                      (b) 50 cm                      (c) 48 cm                      (d) 52 cm

**Q47.** To calculate the cost of a piece of land, a farmer should know its \_\_\_\_\_.

- (a) Length                      (b) Breadth                      (c) Area                      (d) Perimeter

**Q48.** Rohan prepared 12 L of juice. He drinks 3 cups of juice daily and each cup has a capacity of 500 mL. How many days will Rohan take to drink all of the juice he made?

- (a) 8 days                      (b) 4 days                      (c) 2 days                      (d) 9 days

**Q49.** Mahesh had  $\frac{1}{3}$  kg of rice. He gave  $\frac{1}{6}$  kg to his friend and  $\frac{1}{12}$  kg to his father. Which of the following represents the fraction of rice that is left with Mahesh?

- (a)  $\frac{2}{16}$                       (b)  $\frac{1}{10}$                       (c)  $\frac{1}{12}$                       (d)  $\frac{1}{24}$

**Q50.** The value of ( 0.3 + 0.3 + 0.3 + ..... up to 33 times ) is same as:

- (a)  $\left(10 + \frac{1}{9}\right)$     (b)  $\left(10 + \frac{9}{10}\right)$     (c)  $\left(9 - \frac{9}{10}\right)$     (d)  $\left(9 + \frac{9}{10}\right)$

**Q51.** Which one of the following expressions is true?

- (a)  $13 \times 52 = 31 \times 25$                       (b)  $13 \times 52 = 52 \div 13$   
(c)  $13 \times 52 = (10 + 3) \times 52$                       (d)  $13 \times 52 = (13 \times 5) + (13 \times 2)$

**Q52.** If P is 6 kg heavier than Q, Q is 1 kg lighter than R. P is equal to the sum of the weight of R and S. If the weight of R is 9000 grams, then what is the weight of P+ Q+ R +S in kilograms?

- (a) 32 kg                      (b) 36 kg                      (c) 38 kg                      (d) 34 kg

- Q53.** Two angles of a triangle are  $42^\circ$  and  $47^\circ$ . The triangle is a/an:
- (a) acute-angled triangle (b) obtuse-angled triangle  
(c) right-angled triangle (d) isosceles triangle
- Q54.** When 42.42 is divided by the sum of 17 tenths and 130 hundredths, the result will be:
- (a) 10.605 (b) 14.14 (c) 21.21 (d) 16.968
- Q55.** If  $\bullet + \blacktriangle + \blacksquare = 78$ ,  $\blacktriangle + \blacksquare = \bullet + \bullet$  and  $\bullet = \blacktriangle + \blacktriangle$ , then the value of  $\blacktriangle$  is:
- (a) 11 (b) 13 (c) 17 (d) 9
- Q56.** Which of the following statements is incorrect for the Roman numerals?
- (a)  $C+D+M = 1600$  (b) Five times of C = Ten times of L  
(c)  $V+L+D = 1555$  (d)  $L + L + L = CL$
- Q57.** There were 1790 boys and 1248 girls in a school hall. 345 boys and 285 more girls than boys left the school hall. How many pupils remained in the school hall?
- (a) 2063 (b) 1973 (c) 2083 (d) 2193
- Q58.** If the cost of 2 pencils and 3 erasers is ₹37, then the cost of 6 such pencils and 9 such erasers is:
- (a) ₹111 (b) ₹74 (c) ₹185 (d) ₹148
- Q59.** A and B are natural numbers. Value of A is twice of B. B is 254689 more than 654123. Find the successor of A
- (a) 1817622 (b) 1817623 (c) 1817624 (d) 1817625
- Q60.** A train which was scheduled to arrive at Nizamuddin station got 1 hour 25 min late. It leaves the station after 15 minutes and reaches Jaipur station at 9: 45 p.m. after 8 hours 35 mins of Journey. Find its scheduled time to arrive at Nizamuddin station.
- (a) 10:30a.m. (b) 11:30 a.m. (c) 11:20 a.m. (d) 11:50 a.m.

**(Space for rough work)**



**(Space for rough work)**

# THANK YOU FOR BELIEVING IN US!

**X CLASS  
TOPPER**



VINAYAK

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

**XII CLASS  
TOPPER**



**SANYAM BANSAL**

**1<sup>ST</sup> RANK**

**1<sup>ST</sup> RANK, INTERNATIONAL COMMERCE  
OLYMPIAD, CTF, DELHI**

**1<sup>ST</sup> RANK- ICAL COMMERCE WIZARD  
(REWARDED WITH RS. 1 LAC BY THE GOVT. OF INDIA)**

**1<sup>ST</sup> RANK (STATE)-STSE, RAJASTHAN**

SANYAM BANSAL

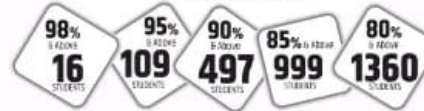
**99.8% IN CLASS XII  
CBSE BOARD EXAMINATION 2022**

**Class X-2022**



**TOTAL  
MERITS  
2151**

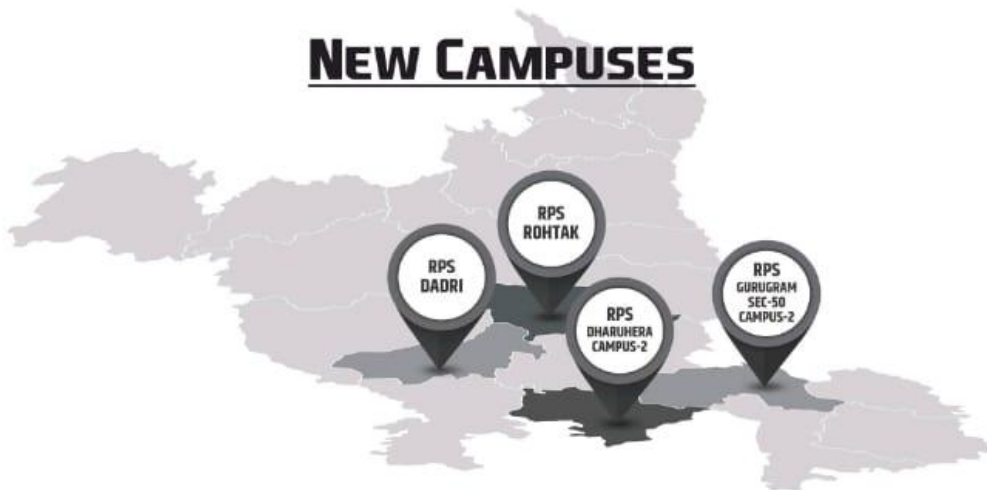
**Class XII-2022**



**TOTAL  
MERITS  
1887**

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