



# 7<sup>th</sup> All India RPS



# OL M PIAD

Online & Offline Mega Event

## QUESTION PAPER (PHASE – II)

M.M:60

Time: 60 minutes

### OFFLINE EXAMINATION (PHASE-II)

**CLASS - V**

Name: \_\_\_\_\_ Reg. No. \_\_\_\_\_ Mobile No. \_\_\_\_\_

#### General Instructions:

- Duration of the examination is 60 minutes. Question Paper contains 60 questions with maximum 60 marks.
- There will be negative marking in Phase – II, i.e.  $\frac{1}{4}$  mark will be deducted for each incorrect answer.
- Use of gadgets is not allowed.
- Students must abide by the instructions issued during the examination by the invigilator or the centre incharge.
- Before attempting the question paper ensure that it contains all pages & no question is missing.
- Immediately fill the particulars on this page of the test booklet and OMR with BLACK ballpoint pen only. Use of pencil is strictly prohibited.
- Fill and darken the bubbles completely. Do not put a tick or a cross.
- Half-filled or over-filled bubbles will not be read by the software & liable to be rejected.

**Correct Method**




Student's Signature

**Wrong Method**




Invigilator's Signature

**SPACE FOR ROUGH WORK**

## ENGLISH (15 Marks)

**Q1. Which sentence correctly uses a plural noun for a countable concept?**

- (A) The information are useful. (B) The data show significant trends.  
(C) The news are on at nine. (D) The furniture are heavy.

**Q2. Choose the correct option:**

\_\_\_\_\_ unique solution proposed in the meeting satisfied everyone.

- (A) A (B) An (C) The (D) No article

**Q3. Only \_\_\_\_\_ of the instructions were followed precisely.**

- (A) some (B) many (C) much (D) little

**Q4. Which of the following sentences correctly uses an emphatic pronoun?**

- (A) She looked at herself in the mirror before the party.  
(B) The children enjoyed themselves at the fair.  
(C) He hurt himself while playing football.  
(D) The manager himself checked the report carefully.

**Q5. Choose the correct option to fill in the blank with appropriate pronoun:**

Sunil scored as many runs as \_\_\_\_\_.

- (A) us (B) ours (C) our (D) we

**Q6. Choose the correct comparative form:**

This puzzle is \_\_\_\_\_ than the last one.

- (A) more simple (B) difficultier (C) more difficult (D) simple

**Q7. She painted this picture herself? Which kind of pronoun is herself?**

- (A) Reflexive pronoun (B) Demonstrative pronoun  
(C) Emphatic pronoun (D) Possessive pronoun

**Q8. Which sentence uses the verb 'break' as a transitive verb?**

- (A) She broke into tears.  
(B) The glass broke suddenly.  
(C) The news broke at midnight.  
(D) He broke the silence with a loud cough.

**Q9. Choose the option that is a synonym of 'Benevolent'.**

- (A) Cruel (B) Generous (C) Proud (D) Hostile

**Q10. Choose the word opposite in meaning to 'Obscure'.**

- (A) Famous (B) Hidden (C) Unknown (D) Dark

**Q11. Fill in the blank with the most suitable adverb:**

It took us \_\_\_\_\_ five hours to reach the airport.

- (A) always (B) long (C) almost (D) whole

**Q12. Which sentence shows an adverb modifying another adverb correctly?**

- (A) He spoke quietly. (B) He spoke quietly and softly.  
(C) He spoke quite softly. (D) He spoke quiet.

**Directions (Q13-Q15): Choose the correct option to fill in the blanks with the correct tense or the verb form:**

**Q13. My father seldom \_\_\_\_\_, but when he \_\_\_\_\_, everyone \_\_\_\_\_.**

- (A) speak, do, listen (B) speaks, does, listens  
(C) spoke, did, listened (D) speaking, does, listening

**Q14. While I \_\_\_\_\_ (read) a book, my brother was playing outside.**

- (A) read (B) was reading (C) reads (D) had read

**Q15. If it rains tomorrow, she \_\_\_\_\_ at home.**

- (A) will stay (B) shall stay  
(C) have stayed (D) will have stayed

### MATHEMATICS (15 Marks)

**Q16. 1m = 100cm, then 1.25m is equal to \_\_\_\_\_.**

- (A) 12.5cm (B) 125cm (C) 1025cm (D) 1125cm

**Q17. A two-digit number is divisible by 9. The sum of its digits is 18. What is the number?**

- (A) 81 (B) 90 (C) 99 (D) 72

**Q18. Which of the following is the largest fraction?**

- (A)  $\frac{7}{12}$  (B)  $\frac{5}{8}$  (C)  $\frac{11}{20}$  (D)  $\frac{9}{16}$

**Q19. Find the sum of 9 and difference between 42 tenths and 352 hundredths.**

- (A) 9.68 (B) 9.06 (C) 9.60 (D) 9.78

**Q20. In twenty lakh eighty-three thousand eight hundred fifty-two, find the difference between place value of two 8's.**

- (A) 79200                      (B) 7900                      (C) 79100                      (D) 79300

**Q21. Form the greatest possible 6-digit odd number using 5 0 3 7 5 9.**

- (A) 935507                      (B) 975305                      (C) 975530                      (D) 975503

**Q22. A 7-digit number begins with 4 and ends with 6. If the sum of all digits is 55, which of the following could be the number?**

- (A) 4,999,996                      (B) 49,89,996                      (C) 49,099,996                      (D) 4,90,09,996

**Q23. If  $X = 999999$ , then  $(X+1) \div 1000 = ?$**

- (A) 999                      (B) 1000                      (C) 9999                      (D) 10000

**Q24. Shalu packed  $\frac{3}{4}$  kg of potatoes each into 44 bags. Find the total weight of potatoes Shalu packed.**

- (A) 34.5 kg                      (B) 3.45 kg                      (C) 31.5 kg                      (D) 33 kg

**Q25. Nisha was asked to multiply 18.75 by 7. Instead, she multiplied 1.875 by 7. What is the difference between two answers?**

- (A) 11.8125                      (B) 1181.25                      (C) 118.125                      (D) 118.025

**Q26. The smallest number which is divisible by 6, 8 and 10 is \_\_\_\_\_.**

- (A) 60                      (B) 120                      (C) 180                      (D) 240

**Q27. Which of the following is equal to 4.75?**

- (A)  $4 + \frac{75}{100}$                       (B)  $4 + \frac{75}{1000}$                       (C)  $47 + \frac{5}{100}$                       (D)  $47 + \frac{5}{10}$

**Q28. A number between 40 and 50 is divided by 2, 3 and 5. What is the number?**

- (A) 42                      (B) 45                      (C) 48                      (D) None of these

**Q29. The quotient when largest six-digit number is divided by thousand is \_\_\_\_\_.**

- (A) 999                      (B) 9999                      (C) 1000                      (D) 99999

**Q30. 2.5 litre bottle of juice is poured equally into 5 glasses. How much juice does each glass contain?**

- (A) 250 ml                      (B) 300 ml                      (C) 400 ml                      (D) 500ml

**EVS (15 Marks)**

**Q31. Which of the following statements is true?**

i) hiptage -dispersed by wind

ii) geranium- dispersed by animals

iii) balsam – dispersed by explosion

iv) mango-dispersed by water

(A) only (i) is correct

(B) only (ii) is correct

(C) both (i) and (iii) correct

(D) only (iii) is correct

**Q32. Which of the following statement is incorrectly matched?**

(A) conifers- bear naked seeds

(B) balsam-have hooks and bristle

(C) lotus – have hair like structure

(D) ferns- have buds

**Q33. Which part of the flower develops into a fruit after fertilization?**

(A) stamen

(B) ovary

(C) petal

(D) sepal

**Q34. How do camels conserve water in the desert?**

(A) by sweating heavily

(B) by storing water in their humps

(C) by producing dry faeces and concentrated urine

(D) by drinking salt water

**Q35. What connects the brain to the rest of the body and helps in transmitting messages?**

(A) Nerves

(B) Pons

(C) Muscles

(D) Bones

**Q36. When water boils and changes into steam, what type of change is this?**

(A) Chemical change

(B) Physical change

(C) Biological change

(D) Nuclear change

**Q37. Who recorded migration of birds 3,000 years ago?**

(A) Homer and Aristotle

(B) Rutherford

(C) Louise Braille

(D) none of these

**Q38. State which statement is correctly matched?**

(A) diencephalon- also known as forebrain

(B) cerebrum – second largest part of the brain

(C) cerebellum- controls hormone production

(D) brain stem – controls all involuntary functions

**Q39. Ethylene glycol is an example of which state of matter?**

- (A) Solid (B) Liquid (C) Gas (D) None of these

**Q40. Which method do blind individuals use to read when their eyesight is not fit for reading the written texts?**

- (A) Sign language (B) Braille script (C) Audio books (D) Lip reading

**Q41. The instrument used to measure the speed of wind is:**

- (A) Hygrometer (B) Anemometer (C) Rain gauge (D) Thermograph

**Q42. Which gas is most responsible for the greenhouse effect?**

- (A) Oxygen (B) Carbon Dioxide (C) Nitrogen (D) Argon

**Q43. Which of the following statements is true?**

- (A) Weather remains constant throughout the year.  
(B) Climate changes every day.  
(C) Weather changes daily, while climate is the average over a long period.  
(D) Both weather and climate never change.

**Q44. If it is 12:00 noon at 0° longitude, what will be the local time at 90°E longitude?**

- (A) 6:00 AM (B) 6:00 PM (C) 9:00 AM (D) 3:00 PM

**Q45. Which of the following statements is correct about a globe?**

- (A) It shows the exact shape and size of Earth.  
(B) It is more convenient than maps for carrying.  
(C) It cannot be used to study small details.  
(D) A globe shows all countries, continents and oceans on a small scale.

**GK (15 Marks)**

**Q46. The capital of Mizoram is \_\_\_\_\_.**

- (A) Aizawl (B) Imphal (C) Kohima (D) Agartala

**Q47. What is the capital of Arunachal Pradesh?**

- (A) Dispur (B) Shimla (C) Itanagar (D) Agartala

**Q48. Which state has Kannada as its official language?**

- (A) Telangana (B) Karnataka (C) Nagaland (D) Meghalaya

**Q49. Who were the first recipients of the Bharat Ratna Award?**

- (1) Dr. S. Radhakrishnan                      (2) C. V. Raman  
 (3) Mahatma Gandhi                              (4) C. Rajagopalachari  
 (A) 1,2,3    (B) 2,3,4    (C) 1,2,4    (D) 2,3,4

**Q50. Who became the first woman Judge of Supreme Court of India?**

- (A) Rajkumari Amrit Kaur    (B) Kiran Bedi  
 (C) M. Fathima Beevi    (D) Annie Besant

**Q51. Who was the first Indian to win a Nobel Prize?**

- (A) C.V. Raman    (B) Mother Teresa  
 (C) Rabindranath Tagore    (D) Har Gobind Khorana

**Q52. Which is the largest state by area in India?**

- (A) Uttar Pradesh    (B) Madhya Pradesh  
 (C) Uttarakhand    (D) Rajasthan

**Q53. Which is the longest beach in India?**

- (A) Marina Beach    (B) Baga Beach  
 (C) Varkala Beach    (D) Kovalam Beach

**Q54. Who is known as the 'Iron Lady of India'?**

- (A) Sarojini Naidu    (B) Indira Gandhi  
 (C) Rani of Jhansi    (D) Razia Sultan

**Q55. Bhagat Singh is famous as \_\_\_\_\_ in India.**

- (A) Netaji    (B) Gurudev  
 (C) Babasaheb    (D) Shaheed-e-Azam

**Q56. Which of the following famous scientists later became the President of India?**

- (A) Dr. A.P.J. Abdul Kalam    (B) Dr. Zakir Hussain  
 (C) Dr. Rajendra Prasad    (D) Srinivasa Ramanujan

**Q57. How many years has Dr. Rajendra Prasad served as the President of India?**

- (A) 15 years    (B) 5 years    (C) 10 years    (D) 12 years

**Q58. Who was the President of India during the Emergency (1975–77)?**

- (A) Fakhruddin Ali Ahmed    (B) Neelam Sanjiva Reddy  
 (C) V.V. Giri    (D) Giani Zail Singh

**Q59. What is the length of the Indian border with Afghanistan?**

- (A) 106 km    (B) 1,751 km    (C) 699 km    (D) 3,323 km

**Q60. An island between India and Sri Lanka is \_\_\_\_\_.**

- (A) Borneo    (B) Katchatheevu    (C) Sumatra    (D) Madagascar

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