

ATOMIC ENERGY CENTRAL SCHOOL NO. 2, MUMBAI
MULTIPLE CHOICE QUESTIONS EXAMINATION – 2(MCQ-2)

DATE : 05.08.2025

CLASS : **VIII**

MAX. MARKS: 100

SECTION – A (ENGLISH)

1. You ____ obey the traffic rules.
a) can b) may c) must d) would
2. ____ I borrow your notebook for a day?
a) Should b) Might c) Must d) Could
3. He ____ be in his office. The lights are off.
a) can't b) must c) might d) should
4. You ____ finish this assignment by tomorrow. It's urgent.
a) might b) must c) could d) would
5. I ____ speak French when I was younger.
a) might b) should c) could d) can
6. You ____ eat too much sugar. It's bad for your health.
a) must b) may c) shouldn't d) can
7. We ____ go to the zoo tomorrow if the weather is nice.
a) must b) can c) would d) shall
8. She ____ have left already. I don't see her bag here.
a) must b) might c) could d) should
9. You ____ park your car here. It's not allowed.
a) can't b) wouldn't c) may not d) must
10. We ____ complete the work now or we'll miss the deadline.
a) shall b) might c) could d) must
11. She ____ to school every day.
a) go b) goes c) gone d) going
12. They ____ their homework before dinner last night.
a) had done b) has done c) do d) were doing
13. I ____ to Mumbai next week.
a) go b) went c) will go d) going
14. He ____ for his lost wallet since morning.
a) searches b) searched c) has searched d) has been searching
15. By 2026, I ____ in this company for ten years.
a) will work b) will have worked c) worked d) have worked
16. When I called her, she ____ dinner.
a) cooks b) was cooking c) cooked d) has cooked
17. They ____ already left when we arrived.
a) have b) had c) will d) are
18. The train ____ before we reached the station.
a) left b) leaves c) had left d) has left
19. I usually ____ coffee in the morning.
a) drink b) drank c) drunk d) drinks
20. Right now, she ____ a book in her room.
a) read b) is reading c) was reading d) reads

SECTION – B (MATHEMATICS)

- 21** In the month of 28 days how many days are prime?
(a) 11 (b) 10 (c) 9 (d) 8
- 22** Find the value of 'x' for the equation $3 \times x + 5 = 26$
(a) 14 (b) 8 (c) 7 (d) 6
- 23** A square is a ----- with equal sides
(a) Rectangle (b) kite (c) Hexagon (d) Trapezium
- 24** Find the Area of the square whose perimeter is 20m.
(a) 5m (b) 2m (c) 25 square m (d) 30 square m
- 25** A cuboid has length 7 cm, breadth 6 cm and height 5 cm. Find the volume of cuboid?
(a) 210 cm^3 (b) 200 cm^3 (c) 18 cm^3 (d) 18 cm^3
- 26** A water tank is filled up to $\frac{3}{4}$ of its capacity. If the tank's full capacity is 240 liters, how much water is in it now?
a) 60 L b) 120 L c) 180 L d) 240 L
- 27** What is the formula to find the sum of n consecutive odd numbers?
(a) n^2 (b) $n(n-1)$ (c) $n(n+1)$ (d) $2n$
- 28** What shape is formed when stacking blocks for 2^3
(a) Cuboid (b) Cube (c) Cylinder (d) Sphere
- 29** Which of the following is a perfect square?
(a) 1057 (b) 625 (c) 7928 (d) 112
- 30** What is the power of 4^4
(a) 64 (b) 256 (c) 260 (d) 1024
- 31** What is the sum of the first four odd natural numbers?
a)16 b)17 c)18 d)20
- 32** Which of the following is a triangular number?
a)5 b)10 c)12 d)16
- 33** Which of the following will have 6 at unit place?
a) 19^2 b) 11^2 c) 24^2 d) 13^2
- 34** How many natural numbers lie between 9^2 and 10^2
a)17 b)18 c)19 d)20
- 35** _____ is both a triangular number and a square number.
a)25 b)36 c)8 d)5
- 36** The value of $9^2 - 1$ is equal to
a)81 b)80 c)79 d)78
- 37** Which of the following numbers is a palindrome?
a)12345 b)9985899 c)221 d)326653
- 38** The number whose sum of the digits is 18 is
a)195 b)168 c)150 d)189
- 39** **Assertion (A):** The number 12 is a composite number.
Reason (R): Composite numbers have more than two factors.

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false.
- d) A is false but R is true.

40 Assertion(A): $9^2=40+41$

Reason (R): The sum of any two consecutive numbers is always odd.

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false.
- d) A is false but R is true.

SECTION – C (SCIENCE)

41. Cell wall is absent in:

- A) Plant cells B) Fungal cells C) Animal cells D) Bacterial cells

42. The control centre of the cell is:

- A) Cell wall B) Nucleus C) Vacuole D) Cytoplasm

43. Bread mould is an example of:

- A) Bacteria B) Algae C) Fungi D) Virus

44. Which of these microorganisms is unicellular?

- A) Mushroom B) Amoeba C) Mould D) Algae

45. Spirulina is a type of:

- A) Virus B) Algae C) Fungi D) Protozoa

46. Yeast is used in:

- A) Cheese making B) Bread and cake making C) Pickle preservation D) Curd preparation

47. Microbes that help in nitrogen fixation:

- A) Lactobacillus B) Rhizobium C) Algae D) Fungi

48. What is a patent?

- A) A reward for discovery B) A type of research lab
- C) A copyright for inventions D) A research license

49. The gas responsible for dough rising is:

- A) Oxygen B) Carbon dioxide C) Hydrogen D) Nitrogen

50. Pickles don't spoil quickly because they contain:

- A) Water B) Yeast C) Preservatives D) Microbes

51. The term "cell" was coined by _____.

- A) Antonie van Leeuwenhoek B) Robert Hooke
- C) Louis Pasteur D) Rudolf Virchow

52. _____ is called the "Father of Microbiology".

- A) Aristotle B) Robert Hooke C) Antonie van Leeuwenhoek D) Pasteur

53. The stain used to view cheek cells is:

- A) Safranin B) Iodine C) Methylene blue D) Bromothymol blue

54. Photosynthesis occurs in:

- A) Mitochondria B) Nucleus C) Chloroplast D) Cytoplasm

55. Which food uses bacterial fermentation?

- A) Curd B) Cake C) Fried rice D) Roti

56. Why is Spirulina called a "superfood"?

- A) It's tasty B) It's easy to grow C) Rich in proteins and nutrients D) Found in soil

57. Curd tastes sour due to:

- A) Salt B) Sugar C) Lactic acid D) Carbonic acid

58. Bacteria have:

- A) True nucleus B) Nucleoid C) Nuclear membrane D) Vacuole

59. Which one is visible to the naked eye?

- A) Cell B) Microbe C) Ostrich egg cell D) Mitochondria

60. Foldscope is a type of:

- A) Phone B) Microscope C) Periscope D) Telescope

SECTION – D (SOCIAL SCIENCE)

61. When do elements of nature become resources?

- A. When they are worshipped B. When they are untouched by humans
C. When they are used by humans D. When they are preserved

62. What is the meaning of 'exploitation' in the context of natural resources?

- A. Destruction of nature B. Extraction and utilization of natural resources
C. Protecting natural beauty D. Exporting resources to other countries

63. Which of the following is NOT a resource essential for life?

- A. Air B. Soil C. Music D. Water

64. Which one of the following is a non-renewable resource?

- A. Wind energy B. Solar energy C. Petroleum D. Timber

65. What does the term 'ecosystem services' refer to?

- A. Forest guards' services B. Oxygen production and water filtration by forests
C. Pollution services D. Tourism-related services

66. Which natural resource was overexploited in Punjab as per the case study?

- A. Timber B. Air C. Groundwater D. Coal

67. What is the main reason for glacier melting in the Himalayas?

- A. Increased snowfall B. Cutting of forests and industrialisation
C. Earthquakes D. Rainfall increase

68. Which of the following resources is derived from plants?

- A. Petroleum B. Timber C. Gold D. Coal

69. What makes forests renewable resources?

- A. Forests are untouched
B. Forests grow without rain
C. Forests renew themselves through natural processes
D. Forests do not support biodiversity

70. What is the source of energy for micro hydel plants?

- A. Wind B. Petroleum C. Flowing water D. Coal

71. Which of the following is NOT an ecosystem function?

- A. Filtering water B. Producing oxygen C. Erosion prevention D. Industrial pollution

72. Why is cement considered a polluting industry?

- A. It is made from mud B. It uses wood
C. It releases fine dust harmful to lungs D. It is made from rainwater

73. Which renewable energy source is mentioned as long as it's managed well?

- A. Gold B. Oil C. Wind energy D. Coal

74. How much oxygen does a mature tree produce per day?

A. 50 litres B. 100 litres C. 275 litres D. 1000 litres

75. Which activity disturbs the regeneration of forests?

- A. Plantation B. Cutting trees faster than regrowth
C. Worshipping nature D. Soil conservation

76. What do traditional communities do to protect fish populations?

- A. Build dams B. Harvest fish daily
C. Regulate fishing during spawning season D. Sell fish at markets

77. Which of these is a material resource?

- A. Coal B. Gold C. Timber D. All of these

78. What was one solution mentioned to reduce cement pollution?

- A. Stop using cement B. Plant more trees
C. Use alternative materials like mud and plant-based waste D. Export cement

79. What leads to contamination of river water near industries?

- A. Sand B. Clean water release C. Untreated waste discharge D. Worship rituals

80. Why do humans convert natural objects to resources?

- A. For decoration B. For entertainment
C. For consumption, sustenance, or utility D. To preserve them forever

SECTION – E (HINDI)

प्रश्न-81 जिन संज्ञाओं को केवल महसूस किया जाता है, वे कहलाती हैं?

- (क) जातिवाचक (ख) द्रव्यवाचक (ग) भाववाचक (घ) व्यक्तिवाचक

प्रश्न-82 "पुस्तक" किस प्रकार की संज्ञा है?

- (क) व्यक्तिवाचक संज्ञा (ख) जातिवाचक संज्ञा (ग) भाववाचक संज्ञा (घ) द्रव्यवाचक संज्ञा

प्रश्न-83 'नेहा' तुम इतनी देर से क्या कर रही हो?

- (क) पुरुषवाचक (ख) निजवाचक (ग) संबंधवाचक (घ) प्रश्नवाचक

प्रश्न-84 सर्वनाम वे शब्द हैं जिनका प्रयोग -

- (क) संज्ञा के स्थान पर होता है। (ख) विशेषण के स्थान पर होता है। (ग) क्रिया के स्थान पर होता है।
(घ) इनमें से कोई नहीं

प्रश्न-85 सर्वनाम के कितने भेद हैं -

- (क) दो (ख) चार (ग) छह (घ) आठ

प्रश्न-86 विशेषण शब्द जिन शब्दों की विशेषता बताते हैं उन्हें कहते हैं -

- (क) विशेषण (ख) विशेष्य (ग) प्रतिविशेषण (घ) संज्ञा

प्रश्न-87 विशेषण के भेद होते हैं -

- (क) तीन (ख) चार (ग) पाँच (घ) छह

प्रश्न-88 इनमें परिमाणवाचक विशेषण शब्द है -

- (क) दस लीटर दूध (ख) बीस गाय (ग) बंगाली (घ) यह घर

प्रश्न-89 राजू तेज दौड़ता है इस वाक्य में कौन सा शब्द विशेषण है?

- (क) राजू (ख) तेज़ (ग) दौड़ता (घ) है

प्रश्न-90 'यह सुंदर फूल है'। इसमें विशेषण का कौन सा भेद है?

- (क) सार्वनामिक विशेषण (ख) संख्यावाचक विशेषण (ग) गुणवाचक विशेषण (घ) परिमाणवाचक विशेषण

प्रश्न-91 राजा-रानी शब्द में कौन सा समास है?

(क) द्वंद्व समास (ख) द्विगु समास (ग) कर्मधारय समास (घ) बहुव्रीहि समास।

प्रश्न-92 'भारतीय' शब्द में कौन सा प्रत्यय भारतीय।

(क) ईय (ख) य (ग) इय (घ) भा

प्रश्न-93 'सामाजिक' शब्द में कौन सा प्रत्यय है?

(क) इक (ख) ई (ग) क (घ) म

प्रश्न-94 'प्रतिदिन' शब्द में प्रयुक्त उपसर्ग है ?

(क) प्र (ख) पर (ग) प्रति (घ) प्रत्

प्रश्न-95 'सुपुत्र' - शब्द में प्रयुक्त उपसर्ग है ?

(क) सु (ख) पुत्र (ग) सुप (घ) कोई नहीं

प्रश्न-96 "घर" का पर्यायवाची शब्द क्या है?

(क) उद्यान (ख) भवन (ग) वाटिका (घ) उपवन

प्रश्न-97 'नवीन' का विलोम शब्द क्या है?

(क) प्राचीन (ख) आधुनिक (ग) नया (घ) पुराना

प्रश्न-98 'पर्यायवाची' शब्द बताते हैं

(क) एक-सा अर्थ (ख) विपरीत अर्थ (ग) भिन्न-भिन्न अर्थ (घ) इनमें से कोई नहीं

प्रश्न-99 'देशभक्ति' में कौन सा समास है?

(क) बहुव्रीहि समास (ख) तत्पुरुष समास (ग) द्विगु समास (घ) कर्मधारय समास

प्रश्न-100 'अधिकरण' कारक का कौन सा विभक्ति चिह्न है?

(क) ने, से (ख) में, पर (ग) का, की, के (घ) हे, अरे

SECTION - F (MARATHI)

101. नर्मदा नदी गुजरातमधून वाहते — या वाक्यातील सामान्यनाम ओळखा.

a) गुजरात b) वाहते c) नर्मदा d) नदी

102. पेहेलगाव हल्ल्यानंतर भारताने पाकिस्तानवर तात्काळ आक्रमण केले — या वाक्यातील क्रियाविशेषण ओळखा. a) हल्ला b) तात्काळ c) आक्रमण d) केले

103. राम शाळेत जात होता — याचे वर्तमानकाळी वाक्य..... a) राम शाळेत जातो b) राम शाळेत गेला c) राम शाळेत जात आहे d) राम शाळेत जात असेल

104. रश्मी मॅराथॉन धावत असे - काळ ओळखा

a) वर्तमानकाळ b) रिती भूतकाळ c) रिती वर्तमानकाळ d) भविष्यकाळ

105. किती सुगंधी फूल आहे हे! — उद्गारार्थी वाक्याचे विधानार्थी वाक्यात रूपांतर करा - a) हे फूल खूप दुर्गंधी आहे b) हे फूल सुगंधी नाही. c) हे फूल किती सुगंधी आहे. d) हे फूल खूप सुगंधी आहे.

106. 'शाळा' शब्दाचे वचन ओळखा a) एकवचन b) अनेकवचन c) द्विवचन d) पक्केवचन

107. खालीलपैकी समानार्थी शब्दांची योग्य जोडी कोणती?

a) धन - संपत्ती b) चतुराई - मूर्खपणा c) चपला - बुट d) दात - जीभ

108. खालीलपैकी विरुद्धार्थी शब्दांची योग्य जोडी कोणती?

a) लांब - दूर b) ताजे - मळलेले c) दीन - श्रीमंत d) आखूड - तोकडे

109. अयोग्य जोडी ओळखा.

a) मुलगी - स्त्रीलिंगी b) काका - पुल्लिंगी c) घड्याळ - पुल्लिंगी d) घर - नपुंसकलिंगी

110. अभ्यास केला म्हणून तो शास्त्रज्ञ बनला. — वाक्यातील अव्ययाची जात ओळखा.
a) शब्दयोगी अव्यय b) उभयान्वयी अव्यय c) केवलप्रयोगी अव्यय d) क्रियाविशेषण अव्यय
111. घाटात घाट वरंधा घाट या पाठात हत्तीची सोंड कोणाला म्हटले आहे?
a) डोंगराचा उताराचा भाग b) झाडे c) जंगलातील हत्ती d) गणपती
112. ल म कडू बालपणी लाल रंग कोणापासून तयार करत असत?
a) मुरुमांचा दगड b) फुलातील पराग c) काटेसरी पराग d) शेंदरी बिया
113. घोड्याच्या शेणाला काय म्हणतात? a) लीद b) शेणी c) घोशी d) घोडायपर
114. शिवथर घळीत कोणाचे वास्तव्य होते?
a) संत तुकाराम b) रामदास स्वामी c) संत ज्ञानेश्वर d) स्वामी समर्थ
115. मातीचा सुगंध कधी येतो?
a) उन्हाळ्यात b) पावसाळ्यात c) हिवाळ्यात d) जमीन नांगरताना
116. नासिका कोणते काम करत नाही?
a) श्वास घेणे b) सुगंध घेणे c) चव घेणे d) वास घेणे
117. बडबडी कोणाला म्हटले आहे? a) कर्णिका b) जिह्वाताई c) नासिका / d) नयनकुमार
118. 'आम्ही चालवू हा पुढे वारसा' या कवितेत गुरु शिष्यांना कोणती गोष्ट देतो?
a) रहायला जागा b) अभ्यासाला वातावरण c) ज्ञान d) आशीर्वाद
119. पायाभरणी अस्तित्वाची व्यक्तित्वाची। तन सुदृढ मन विशाल होई। इथे रुजवणूक या तत्त्वांची।
a) प्रयोगशाळा b) विचारधारा c) मानवता d) जपणूक
120. कोणत्या क्षितिजावर प्रतिभेची पहाट उगवली आहे?
a) कलागुणांच्या b) निसर्गाच्या c) नव्या युगाच्या d) ज्ञानाच्या