



Name: _____ Father's Name: _____

Program Applied For: _____ Mobile Number: _____

CNIC Number: _____ Room Number: _____ Seat Number: _____

Note: It is the candidate's responsibility to return the question paper and answer sheet to the invigilator at the end of the test. Non-submission of the testing material may lead to disqualification.

Candidate's Signature: _____ Test Center: _____

GENERAL INSTRUCTIONS: Candidates must carefully follow the instructions given below and by the instructor / announcer.

- Please compare & check that the **Seat Number, Your Name & Other information** given on the answer sheet and on the sticker on your chair are correct. Please also write this information in the box given above.
- Use of calculator / mobile phone / smart watch is strictly not allowed.
- The test is divided into six parts. (Total duration of the test is **2 hours**):
 - Title Page. All Instructions Should Be Examined Carefully

Part-I: (Compulsory Section)	Part-II (Optional / Specialized Section)
<ul style="list-style-type: none"> General Knowledge MCQs 15 (01 to 15) (from page 1 to 3) English MCQs 25 (16 to 40) (from page 4 to 7) Analytical / Quantitative Reasoning MCQs 10 (41 to 50) (from page 8 to 9) 	<ul style="list-style-type: none"> Physics (20 MCQs), Chemistry (10 MCQs), Mathematics (20 MCQs), Biology (20 MCQs), Computer Science (20 MCQs), General Mathematics (10 MCQs) - MCQs (51 to 150) (from page 15 to 30)

Note: Physics is mandatory for all program applicants. Chemistry is compulsory for Pre-Engineering and Pre-Medical candidates. Mathematics is required for Pre-Engineering, Computer Science, and General Science applicants. Biology is a must for Pre-Medical candidates. Computer Science is compulsory for Computer Science and General Science applicants. General Mathematics Section is compulsory for Computer Science / General Science group.

- Each question has only one correct answer (**A / B / C / D**). All answers must be given by marking a CROSS SIGN ☒ at the chosen option on the answer sheet. Each Correct Answer carries **1 point**.
- If the candidate wants to change any of the answers, he /she should erase the previous answer clearly and completely. Overwriting is not acceptable, and if a candidate crosses more than one option for the same question, such answers will be treated as incorrect answers.
- There will be **NO NEGATIVE MARKING** in all parts of the test. However, if a candidate does not want to answer any question he/she MUST CROSS ☒ the option **E** on the answer sheet.
- When the instructor announces "**STOP**", candidate must close the test booklets and cover it with the answer sheet. Any evidence of cheating or non-compliance with instructions or tearing pages will lead to disqualification from the test and legal action.
- Making notes / copying questions / solving questions on any paper other than question booklet and answer sheet / removing the question booklet or answer sheet in their entirety or parts of it from the exam room is strictly prohibited and will lead to disqualification from the test and legal action.
- The candidate should not mark answers on the question booklet and all answers must be given in CROSS SIGN ☒ on the answer sheet with the **black ball pen**. **Use of pencil is not allowed**. However, **rough work can be done on the question booklet**. Make sure you do not write anything other than your signature and marking of Cross ☒ against your answers on the answer sheet.
- IBA reserves the right to revoke/modify any question or part of it.

WAIT... Do not turn over this page until you are told to do so

SAMPLE PAPER

**THE ACTUAL QUESTIONS MAY VARY IN DIFFICULTY LEVEL, PAGE NO.
INSTRUCTIONS ON THIS SAMPLE PAPER ARE FOR ACTUAL PAPER**

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

Part-I: Compulsory Section
General Knowledge M.C.Qs

No. of Questions: 15 (from 1 to 15)

Questions on Page Numbers: 1 To 3

Negative Markings: **No**

1. What was the first capital city of Pakistan?
 - A. Lahore
 - B. Peshawar
 - C. Islamabad
 - D. Karachi
2. When did Islamabad become capital of Pakistan?
 - A. 14th August 1967
 - B. 14th August 1978
 - C. 14th August 1947
 - D. 14th August 1970
3. What is Pakistan's largest food crop?
 - A. Rice
 - B. Sugarcane
 - C. Wheat
 - D. Apples
4. Who was the first prime minister of Pakistan?
 - A. Liaqat Ali Khan
 - B. Mohammad Khan Jonejo
 - C. Chaudhary Mohammad Ali
 - D. Quaid e Azam Mohammad Ali Jinah
5. Who designed the national flag of Pakistan?
 - A. Quaid e Azam
 - B. Syed Ameer u din Kedwai
 - C. Chohdhary Rahmat Ali
 - D. None of the above
6. What is/are the official language/languages of Pakistan?
 - A. English
 - B. Urdu
 - C. English and Urdu
 - D. Urdu and Sindhi

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

7. Pakistan shares its longest land border with which country?

- A. Afghanistan
- B. Iran
- C. India
- D. None of the above

8. Who is the current speaker of national assembly of Pakistan?

- A. Imran Khan
- B. Arif Alvi
- C. Sadiq Sanjarani
- D. Asad Qaiser

9. Who is the current Governor of Sindh?

- A. Imran Ismail
- B. Qaim Ali Shah
- C. Usman Buzdar
- D. Arif Alvi

10. What is the most widely spoken language of Pakistan?

- A. Punjabi
- B. Sindhi
- C. Pushto
- D. English

11. Where is the tomb of Allama Iqbal?

- A. Karachi
- B. Islamabad
- C. Lahore
- D. Peshawar

12. What are the five colours of the Olympic rings?

- A. Blue, yellow, black, green and brown
- B. Blue, yellow, black, green and orange
- C. Blue, yellow, black, green and red
- D. Blue, yellow, black, green and violet

13. Who was the first president of Pakistan?

- A. Sikander Mirza
- B. Farooq Leghari
- C. Liaqat Ali Khan

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BY CROSSING THE CORRESPONDING LETTER

D. Mamnoon Hussain

14. When did Pakistan conduct nuclear tests?

- A. May 1988
- B. May 1998
- C. May 1978
- D. May 1968

15. What does CPEC stand for?

- A. China Pakistan Economic Corridor
- B. China Pakistan Economic Capital
- C. China Pakistan Elective Corridor
- D. China Pakistan Elective Capital

This is the end of General Knowledge MCQs.

Next section is English MCQs.

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

English M.C.Qs

No. of Questions: 25 (from 16 to 40)

Questions on Page Numbers: 4 To 7

Negative Markings: No

16. Fill in the blank : ___ stitch in time, saves nine

- A. A
- B. The
- C. An
- D. It

17. What is the opposite of “reckless”

- A. Bright
- B. Spectacular
- C. Crazy
- D. Careful

18. What is the opposite of “Meagre”

- A. Abundant
- B. Small
- C. Extravagant
- D. Bright

19. The task was accomplished ___ time.

- A. From
- B. By
- C. In
- D. Through

20. He bought flowers ___ her.

- A. For
- B. Till
- C. At
- D. By

21. What is same as “giant”

- A. Huge
- B. Humble
- C. Small
- D. Funny

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

22. What is same as “Annoyed”

- A. Eager
- B. Happy
- C. Carefree
- D. Angry

23. “piece of cake” means

- A. Easy
- B. Difficult
- C. Interesting
- D. Funny

24. The word that means the same as “Mail”

- A. Fast
- B. Post
- C. Past
- D. Slow

25. The farmers are working ___ the fields.

- A. Over
- B. About
- C. Under
- D. In

26. Don’t wait for me. I _____ late. It depends on the traffic.

- A) will be
- B) am
- C) might be
- D) am going to be

27. Don’t worry about the baby. I’ll look _____ her while you’re out.

- A) for
- B) with
- C) to
- D) after

28. If I _____ younger, I _____ to play the piano, but I’m too old now.

- A) am / will learn
- B) will be / are learning
- C) were / would

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D) were / would learn

29. Where's the cash desk? I'd like to pay _____ this book.

- A) to
- B) for
- C) with
- D) about

30. We might have a picnic. It depends _____ the weather.

- A) to
- B) on
- C) with
- D) about

31. Government run by single person is called _____

- A. Democracy
- B. Communism
- C. Autocracy
- D. None

32. Find the analogy

Slapstick : Laughter

- A. Fallacy : Dismay
- B. Genre : Mystery
- C. Satire : Anger
- D. Horror : Fear

33. What is the antonym of inconsistent?

- A. Courageous
- B. Sincere
- C. Steadfast
- D. Humble

34. What is the antonym of Stringent ?

- A. General
- B. Lenient
- C. Vehement
- D. Magnanimous

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
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35. What is the synonym of Gruesome?

- A. Tragic
- B. Frightful
- C. Hateful
- D. Painful

36. What is the synonym of lethargy?

- A. Listlessness
- B. Fatigue
- C. Serenity
- D. Impassivity

37. The research study is an eye-opener and _____ us with the problems of poor nations.

- A. Attempt to acquaint
- B. Attempts at acquainting
- C. Attempting to acquaint
- D. Attempted to acquaint

38. My doctor knew that I would eventually recover and do kind of work _____ before

- A. Would have been doing
- B. Would have done
- C. Had been done
- D. Had been doing

39. _____ me about your problem, I would have helped you.

- A. If you have told
- B. Had you told
- C. If you would have told
- D. Have you had told

40. Upon the inquiry I found out that i had _____ the car

- A. Mistaken
- B. Mistook
- C. Mistake
- D. Mistakenly

This is the end of English MCQs.

Next section is Analytical/Quantitative Reasoning Section M.C.Qs

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

Analytical/Quantitative Reasoning Section M.C.Qs

No. of Questions: 10 (from 41 to 50)

Questions on Page Numbers: 8 To 9

Negative Markings: No

41. Which number should come next in the pattern?

37, 34, 31, 28

- A. 14
- B. 25
- C. 23
- D. 20

42. What number best completes the analogy: 8:4 as 10: ?

- A. 3
- B. 7
- C. 24
- D. 5

43. Insert the missing number 6,10,18,34?

- A. 69
- B. 68
- C. 66
- D. 61

44. What is the next number in the series 18,10,6,4 ?

- A. 3
- B. 5
- C. 2
- D. 6

45. Two dice are rolled. The number of possible outcome in which at least one die shows 2 is?

- A. 12
- B. 7
- C. 11
- D. 5

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BY CROSSING THE CORRESPONDING LETTER

46. The point $(-5,3)$ is the center of the circle and $P(7,-2)$ lies on the circle. The radius of the circle is ?
- A. 7
 - B. 8
 - C. 13
 - D. 2
47. Any portion of the circle will be known as _____ of a circle?
- A. A tangent
 - B. An arc
 - C. A chord
 - D. An angle
48. The unit of two noncollinear rays which have common endpoint is called?
- A. An angle
 - B. A minute
 - C. A radian
 - D. A degree
49. The set containing no element is called?
- A. An empty set
 - B. Super set
 - C. Singleton set
 - D. Subset
50. Choose the missing term out of the given alternatives. XYA, XYC, XYB, XYD, XYC, ?
- A. XYD
 - B. XYB
 - C. XYE
 - D. XYC

This is the end of Analytical/Quantitative Reasoning Section MCQs.

Next is the Second Part of the Paper (Optional / Specialized Section)

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

**Please read the instructions carefully,
For the Next Sections, please note:**

- **The Physics section is compulsory for Candidates applying for All Programs / Streams:**
 - Pre-Engineering
 - Pre-Medical
 - Computer Science / General Science.
- **Chemistry is Compulsory for candidates applying for:**
 - Pre-Engineering and Pre-Medical programs.
- **Mathematics is compulsory for Candidates applying for:**
 - Pre-Engineering group.
- **Biology is Compulsory for candidates applying for:**
 - Pre-Medical group.
- **Computer Section is compulsory for Candidates applying for:**
 - Computer Science / General Science group.
- **General Mathematics is compulsory only for the candidates applying for:**
 - Computer Science / General Science group

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

Part-II: Optional / Specialized Section

Physics M.C.Qs

No. of Questions: 20 (from 51 to 70)

Questions on Page Numbers: 11 To 14

Negative Markings: No

51. The rotational effect of a force on a body about an axis of rotation is described in terms of the

- A. Moment of force
- B. Centre of gravity
- C. Centripetal force
- D. None of the above

52. If no external force acts on a system of bodies, the total linear momentum of the system of bodies remains constant. Which law states that ?

- A. Newton's first law
- B. Newton's Second Law
- C. Principle of conservation of linear momentum
- D. Newton's Third Law

53. Energy possessed by a body in motion is called

- A. Kinetic Energy
- B. Potential Energy
- C. Both A and B
- D. None of these

54. Which law is also called the law of inertia ?

- A. Newton's Second Law
- B. Newton's first law
- C. Newton's Third Law
- D. All of these

55. The study of physics deals with

- A. Laws of motion
- B. The structure of space and time
- C. Force present in the nature
- D. All of the above

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

56. The branch of physics which deals with the nuclear particles such as neutrons protons and nuclear structure is called:

- A. Particle physics
- B. Solid state physics
- C. Plasma physics
- D. Nuclear physics

57. The idea that light is electromagnetic waves was introduced by

- A. Crooks
- B. Fermi
- C. Maxwell Plank
- D. Newton

58. _____ is area of physics.

- A. Chemical physics
- B. Astrophysics
- C. Mechanics
- D. None of the above

59. The branch of physics which deals with the study of production, propagation and properties of sound waves is called:

- A. Heat and thermodynamics
- B. Optics
- C. Mechanics
- D. Acoustics

60. Physics based on Newtonian mechanics is called:

- A. Astrophysics
- B. Classical physics
- C. Modern physics
- D. Meta physics

61. Pascal is famous for his work:

- A. Hydrostatics
- B. Hydrodynamics
- C. Laws of gases
- D. Behavior of elastic bodies

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

62. System International (SI) was established in:

- A. 1960
- B. 1967
- C. 1971
- D. 1930

63. Which of the following is a derived quantity?

- A. Time
- B. Area
- C. Length
- D. Mass

64. The fundamental quantities which form basic for M.K.S system are:

- A. Mass, work and time
- B. Mass, acceleration and time
- C. Velocity, force and time
- D. Mass, length and time

65. Metre is the basic unit of :

- A. Length
- B. Mass
- C. Force
- D. Velocity

66. Kilogram is the basic unit of:

- A. Length
- B. Mass
- C. Weight
- D. Time

67. One mile is equal to :

- A. 1.625 km
- B. 1.609 km
- C. 1.325 km
- D. 1.850 km

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

68. Light year is the unit of :

- A. Light
- B. Time
- C. Velocity
- D. Distance

69. The SI unit of force is :

- A. Newton
- B. Joule
- C. Dyne
- D. Volt

70. Time taken by light to reach from sun to earth is :

- A. 7 min 20 seconds
- B. 8 min 20 seconds
- C. 9 min 20 seconds
- D. None of the above

This is the end of Physics MCQs.

Next section is Chemistry Section M.C.Qs

Note: Chemistry is compulsory only for candidates applying for Pre-Engineering and Pre-Medical programs

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Chemistry M.C.Qs

No. of Questions: 10 (from 71 to 80)

Questions on Page Numbers: 15 To 16

Negative Markings: No

71. Ozone reacts with ethene to form _____

- A. Acetylene
- B. Ozonide
- C. Chloroprene
- D. None of the above

72. The presence of a double bond in a compound is a sign of

- A. Saturation
- B. Unsaturation
- C. Substitution
- D. None

73. Formula of chloroform is ?

- A. CH_3Cl
- B. CCl_1
- C. CH_2Cl_2
- D. CHCl_3

74. The most reactive hydrocarbon is?

- A. Ethane
- B. Acetylene
- C. Heptane
- D. Toluene

75. Which of the following is not alicyclic?

- A. Cyclohexene
- B. Cyclobutane
- C. Toluene
- D. Cyclopentene

76. Synthetic rubber is made by polymerization of :

- A. Chloroform
- B. Acetylene
- C. Divinyl acetylene
- D. Chloroprene

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

77. Hydrogen bonding is strongest among the molecules of :

- A. HCl
- B. HF
- C. HI
- D. HBr

78. Which is the most polarized noble gas?

- A. Kr
- B. Xe
- C. He
- D. Rn

79. Which of the following is used in radiotherapy?

- A. Rn
- B. Xe
- C. Kr
- D. Ar

80. Bleaching powder is not used for bleaching _____?

- A. Cotton
- B. Costly fabrics
- C. Linen
- D. Paper pulp

This is the end of Chemistry MCQs.

Next section is Mathematics Section M.C.Qs

Note: Mathematics is compulsory only for the candidates applying for Pre-Engineering group.

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

Mathematics M.C.Qs

No. of Questions: 20 (from 81 to 100)

Questions on Page Numbers: 17 To 20

Negative Markings: No

81. What comes next in the sequence: 1, 3, 9, 27, ____.

- A. 71
- B. 73
- C. 81
- D. 83

82. If 4 people can do a work in 40 minutes then 8 people can do the same work in ____ minutes.

- a. 20
- b. 40
- c. 60
- d. 80

83. $0.003 \times 0.02 = ?$

- A. 0.06
- B. 0.006
- C. 0.0006
- D. 0.00006

84. What is the arithmetic mean of the data set: 4, 5, 0, 10, 8, and 3?

- A. 4
- B. 5
- C. 6
- D. 7

85. $\frac{3^5}{3^3} = ?$

- a. 1
- b. 3
- c. 9
- d. 27

86. $3^2 \times 3^3 \times \frac{1}{3^4} = ?$

- a. 1
- b. 3
- c. 9
- d. 27

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

87. $\sqrt[3]{\sqrt{64}} = ?$

- a. $\sqrt{2}$
- b. 2
- c. 4
- d. 8

88. What is the value of x in the equation?

$$\frac{x}{2} + \frac{x}{3} = 10$$

- a. 12
- b. 14
- c. 16
- d. 18

89. What is the value of x in the equation?

$$\frac{4}{3}\sqrt{10x-4} - 8 = 0$$

- A. 0
- B. 2
- C. 4
- D. 6

90. The price (in cents) of one orange is 5c. What is the price (in dollars) of one dozen of oranges?

- a. 30c
- b. 60c
- c. $\frac{3c}{5}$
- d. $\frac{5c}{12}$

91. At present, the age of Alice is x-10 years. What will be her age after 12 years?

- a. x+2
- b. x-2
- c. x+12
- d. x-12

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

92. Mr. A can do a particular work in 6 hours, and Mr. B can do the same work in 14 hours. How much time it will take if they do the work together?

- A. 4 hours and 6 minutes
- B. 4 hours and 12 minutes
- C. 4 hours and 18 minutes
- D. 4 hours and 24 minutes

93. What comes next in the sequence: 1, 2, 6, 22, ____ ?

- A. 82
- B. 84
- C. 86
- D. 88

94. What is the sum of the sequence?

$$\sum_{k=0}^4 (1+k!)$$

- A. 36
- B. 37
- C. 38
- D. 39

95. What is the 31st term of the sequence: 1, 4, 7, 10, ?

- a. 90
- b. 91
- c. 92
- d. 93

96. What is the 11th term of the sequence: $m - 2n, m - n, m, \dots$?

- a. $m+n$
- b. $m-n$
- c. $m+6n$
- d. $m+8n$

97. $2 + 2 - 2 \times 2 \div 2 = ?$

- a. 0
- b. 1
- c. 2
- d. 4

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

98. If $x = -1$, then what is the value of the function

$$f(x) = x^3 + 4x + 12$$

- a. 7
- b. 9
- c. 11
- d. 13

99. An angle which is equal to 90 is called?

- A. Right angle
- B. Obtuse angle
- C. Acute angle
- D. None of the above

100. The distance of any point on the circle to its center is called?

- A. An arc
- B. Diameter
- C. Chord
- D. Radius

This is the end of General Mathematics MCQs.

Next section is Biology Section M.C.Qs

**Note: Biology is Compulsory for candidates applying for
Pre-Medical group**

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

Biology M.C.Qs

No. of Questions: 20 (from 101 to 1120)

Questions on Page Numbers: 21 To 24

Negative Markings: No

101. Optimum pH for enzyme pepsin is:
- A. 2
 - B. 6.80
 - C. 7
 - D. 9
102. Example of placental mammal is:
- A. Dolphin
 - B. Kangaroo
 - C. Echidna
 - D. Opossum
103. Poisonous mushrooms are called:
- A. Truffles
 - B. Morels
 - C. Toad stools
 - D. Agaricus
104. The normal pH of blood is:
- A. 7.4
 - B. 6.0
 - C. 8.0
 - D. 9.0
105. The respiratory system is more efficient in:
- A. Amphibians
 - B. Birds
 - C. Reptiles
 - D. Fishes
106. The part of flower which develops into fruit is:
- A. Flower
 - B. Seed
 - C. Ovule wall
 - D. Ovary wall

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

107. Hepatic and pancreatic secretions are also stimulated by hormone:
- A. Gastrin
 - B. Insulin
 - C. Thyroxin
 - D. Secretin
108. The tentative explanation of observation is:
- A. Deduction
 - B. Theory
 - C. Hypothesis
 - D. Law
109. Respiratory activity which occurs in plants during day time is called:
- A. Respiration
 - B. Transpiration
 - C. Photorespiration
 - D. Cutaneous respiration
110. The study of internal structure is:
- A. Morphology
 - B. Anatomy
 - C. Histology
 - D. Physiology
111. The branch of biology which deals with the study of ancestral history of living organisms is called as:
- A. Paleontology
 - B. Zoogeography
 - C. Evolution
 - D. Heredity
112. Foot and mouth disease is caused by:
- A. Algae
 - B. Bacteria
 - C. Fungi
 - D. Virus

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

113. Some bacteria breakdown the proteins of dead plants and animals and release:

- A. Sulphate
- B. Phosphates
- C. Nitrates
- D. Carbonates

114. The animals which eat both plant and animals are called:

- A. Herbivores
- B. Carnivores
- C. Filter feeders
- D. Omnivores

115. In plants stunted growth of roots is due to the deficiency of:

- A. Potassium
- B. Phosphorus
- C. Magnesium
- D. Nitrogen

116. Which one of the following is not a carnivore?

- A. Cat
- B. Dog
- C. Lion
- D. Deer

117. Mad cow disease is caused by:

- A. Virus
- B. Bacteria
- C. Prions
- D. Fungus

118. Histology is the study of:

- A. Cell
- B. Functions
- C. Tissue
- D. Fossils

ALL ANSWERS MUST BE GIVEN ON THE COMPUTERIZED ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

119. Small pox is caused by:

- A. Bacteria
- B. Fungi
- C. Virus
- D. Protozoan's

120. Technically a seed may be defined as fertilized:

- A. Egg
- B. Ovule
- C. Ovary
- D. Flower

This is the end of Biology MCQs.

Next section is Computer Science Section M.C.Qs

**Note: Computer Section is compulsory for Candidates applying for the
Computer Science / General Science group.**

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BY CROSSING THE CORRESPONDING LETTER

Computer Science M.C.Qs

No. of Questions: 20 (from 121 to 140)

Questions on Page Numbers: 25 To 28

Negative Markings: No

121. CPU includes all components except
- A. Primary storage
 - B. ALU
 - C. Register
 - D. Control unit
122. Which of the following memory is temporary:
- A. ERROM
 - B. PROM
 - C. RAM
 - D. ROM
123. Word processing program is used to create:
- A. Reports
 - B. Memos and letters
 - C. Envelopes and labels
 - D. All of the above
124. _____ is an output device
- A. Speaker
 - B. CPU
 - C. Plotter
 - D. Printer
125. The bar that contains the name of the program and document is:
- A. Menu bar
 - B. Title bar
 - C. Tool bar
 - D. Status bar
126. Which of the following is not an antivirus program:
- A. NOD32
 - B. Dr.Dalman
 - C. MCA free
 - D. Logic Bomb

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127. Another name for antivirus is:
- A. Vaccine
 - B. Worm
 - C. Cleaner software
 - D. Remover
128. The computer on internet that contains websites are called:
- A. Central computers
 - B. Site computers
 - C. Client
 - D. Web server
129. Usually RAM has ____ types.
- A. 2
 - B. 3
 - C. 4
 - D. 5
130. Computer cannot boot if it does not have:
- A. CPU
 - B. Linker
 - C. Interface
 - D. Operating system
131. Page setup option is present in:
- A. File menu
 - B. Edit menu
 - C. Insert menu
 - D. Format menu
132. Soft copy refers to:
- A. Screen output
 - B. OCR
 - C. Print copy
 - D. All of the above

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133. A device used for optical character recognition is:

- A. Cursor
- B. MICR reader
- C. Wand reader
- D. Pen

134. A collection of raw facts and figures is called

- A. Processing
- B. Data
- C. Information
- D. None of these

135. The output of printer is called:

- A. Graphic
- B. Hard copy
- C. Multimedia
- D. None of these

136. Another name for main memory is:

- A. Secondary
- B. Dish storage
- C. Primary storage
- D. Tape storage

137. CPU is example of :

- A. Software
- B. Virus
- C. Program
- D. Hardware

138. Smallest unit of memory is:

- A. Bit
- B. Byte
- C. Character
- D. Word

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139. Computer is a combination of:
- A. Software
 - B. Hardware
 - C. Both
 - D. None of the above
140. How many bits are in one byte?
- A. 8
 - B. 6
 - C. 2
 - D. 4

This is the end of Computer Science MCQs.

Note: General Mathematics is compulsory only for the candidates applying for Computer Science / General Science group

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General Mathematics M.C.Qs (For Computer Science / General Science Group)

No. of Questions: 10 (from 141 to 150)

Questions on Page Numbers: 29 To 30

Negative Markings: No

141. Naeem sold a computer for Rs 25000 at which he suffered 20percent loss. Find the purchase price of the computer.
 A. 31000
 B. 41250
 C. 31250
 D. 35000
142. Naeem gave 25percent of a profit to his partner. If the partner got Rs.4000, what will remain with him
 A. 14000
 B. 12000
 C. 6000
 D. 1000
143. A vendor sells 40percent of his stock of oranges and is left with only 420 oranges. What was the total number of oranges available before the sell
 A. 672
 B. 700
 C. 588
 D. 600
144. If 40 percent of $x = y$, then y percent of 40 is the same as
 A. 4% of x
 B. 16% of x
 C. 20% of x
 D. 5% of y
145. Find the value of x .

$$0.1/0.4 = 6/x$$

 A. 24
 B. 32
 C. 16
 D. 8
146. Complete the following sequence. 2, 3, 5, 9, _____, 33
 A. 15
 B. 17

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- C. 21
D. 24
147. What is the ratio of 4 inches to 8 feet
- A. 1 : 15
B. 1 : 24
C. 2 : 35
D. 4 : 13
148. If a mobile phone costing Rs. 18,000 was sold for Rs. 15,500. Calculate the percentage loss
- A. 11.06%
B. 13.89%
C. 15.75%
D. 17.25%
149. If the average of 5 quantities is 8 and the average of 3 of them is 6. What is the average of the remaining two numbers
- A. 7
B. 10
C. 11
D. 13
150. It is Khadijah's birthday today. One year from now she will be twice as old as she was 10 years ago. Calculate the present age of Khadijah.
- A. 19 years
B. 21 years
C. 24 years
D. 27 years

This is the end of General Mathematics MCQs.

THE END

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