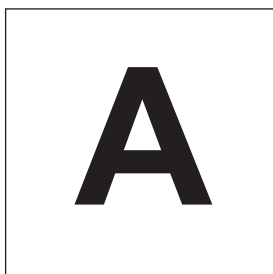


[Do not open the booklet unless told to do so]

Question Booklet Series UB Category(UBC)

WRITTEN TEST [OBJECTIVE TYPE]



NO. OF QUESTIONS: 150
MAX. MARKS: 300
TIME: 120 min

INSTRUCTIONS:

Read all the following instructions carefully before answering questions.

1. This Multiple Choice Question Paper – It consist of 150 questions, Booklet carries 12 pages.
2. Fill your Roll No., Group., Test Booklet No. Booklet Series clearly without any overwriting and without any omission or discrepancy, else will render the Answer Sheet liable for rejection.
3. Darken only ONE Choice with Black Ball Pen from the four options marked a, b, c, d on the OMR sheet provided. Answer, once marked, should not be changed, as erasing or overwriting will be treated as multiple marking and no marks will be awarded for such answers.
4. The instructions on the OMR Sheet should be followed carefully.
5. Each question carries 2 marks.
6. All questions are compulsory.
7. Only filled OMR sheet will be accepted as an answer script.
8. Sheet for rough work is provided in the Question Booklet at the end.
9. Candidate should allocate their time judiciously to all the questions.

Part I
ENGLISH GRAMMAR AND USAGE

For Questions 1 to 10, select the word opposite in meaning.

1. Accuse

- A. Blame B. Finger
C. Explain D. Exonerate

2. Affection

- A. Dislike B. Like
C. Love D. Friendly

3. Brag

- A. Boast B. Gloat
C. Bluster D. Deprecate

4. Perish

- A. Cease B. Crumble
C. Disappear D. Improve

5. Fanatical

- A. Zeal B. Extreme
C. Keen D. Moderate

6. Peculiar

- A. Strange B. Freak
C. Odd D. Common

7. Bereft

- A. Enriched B. Deprived
C. Robbed D. Denied

8. Urban

- A. City B. Rural
C. Pastoral D. Metropolitan

9. Vulnerable

- A. Weak B. Exposed
C. Danger D. Resilient

10. Sacrosanct

- A. Hallowed B. Secular
C. Hope D. Revered

For Questions 11 to 20, select the word similar in meaning.

11. Annual

- A. Perennial B. Biennial
C. Yearly D. Monthly

12. Bias

- A. Objective B. Fair
C. Impartial D. Prejudice

13. Confiscate

- A. Return B. Relinquish
C. Seize D. Release

14. Exemplary

- A. Unworthy B. Deplorable
C. Ideal D. Unrepresentative

15. Devastate

- A. Casual B. Unethical
C. Destroy D. Motivated

16. Predicament

- A. Advantage B. Deadlock
C. Agreement D. Benefit

17. Gallant

- A. Coward B. Churlish
C. Timid D. Valiant

18. Habitual

- A. Rare B. Unusual
C. Occasional D. Regular

19. Illegitimate

- A. Illicit B. Lawful
C. Reasonable D. Legitimate

20. Juvenile

- A. Adult B. Grown
C. Mature D. Young

For Questions 21 to 30, select the suitable word

21. No sooner did she arrive _____ they started laughing

- A. than B. then
C. that D. when

22. Is it _____ you wish to see?

- A. I B. me
C. mine D. myself

23. The wolves have always had a notorious reputation of being _____ predators

- A. tamable B. ruthless
C. conniving D. tactile

24. I asked _____ but nobody had seen my wallet.

- A. aside B. any
C. around D. about

25. They _____ learning a new language next semester

- A. will B. will have
C. will be D. will have been

26. He _____ in this school since 2015

- A. studied B. was studying
C. has been studying D. had studied

27. One who tries may fail but one who does not try never _____

- A. succeeds B. success
C. gain D. prosper

28. These trousers are too long, _____ the length please.

- A. diminish B. lessen
C. curtail D. reduce

29. Every rash driver becomes a _____ killer.

- A. sure B. reckless
C. potential D. powerful

30. Ten kilometres _____ a long distance.

- A. is B. are
C. has D. be

For Questions 31 to 35, substitute one word for the following sentences

31. One who goes on foot

- A. Walker B. Footer
C. Pedestrian D. Rider

32. Rule by the mob

- A. Democracy B. Bureaucracy
C. Oligarchy D. Mobocracy

33. One who can do anything for money

- A. Freelancer B. Venal
C. Adventurer D. Mercenary

34. That which is lawful

- A. Judicial B. Legal
C. Forensic D. Criminal

35. One who does not know how to read and write

- A. Literate B. Knowledgeable
C. Backward D. Illiterate

From Question 36 to 40, read each sentence to find out whether there is any grammatical mistake in it. The mistake if any will be in one part of the sentence. Mark the letter of the part with mistake as your answer. If there is no mistake mark (d)

36. The patient lodged (a) a complaint against the Doctor for (b) its negligence (c) No mistake (d)

37. Arun's father has been ill since last year and Arun (a) has spend his entire (b) savings on his treatment (c) No mistake (d)

38. The party (a) was voted out in power (b) after 10 years (c) No mistake (d)

39. The views of (a) the manufacturing and the tourism industries is that (b) the economy is improving (c) No mistake (d)

40. We discussed about the problem so thoroughly (a) on the eve of the examination (b) that I found it very easy to work it out (c) No mistake (d)

From Question 41 to 45, One of the three words given in each of these questions may be wrongly spelt. The number of that wrongly spelt word is the answer. If all the three words are correctly spelt, mark (d) i.e. all correct as the answer

41. A. Appraise B. Apprise
C. Aprise D. All correct

42. A. Benevalent B. Beneficial
C. Benign D. All correct

43. A. Canon B. Cannon
C. Common D. All correct

44. A. Dominate B. Domineer
C. Domminion D. All correct

45. A. Eminent B. Imminent
C. Immanent D. All correct

46. John died __ overwork and exhaustion
(fill in the blank with right preposition)

A. of B. from
C. with D. in

47. Insects like white ants eat ---- wood
(fill in the blank with right preposition)

A. of B. to
C. into D. in

48. You can count ___ me
(fill in the blank with right preposition)

A. in B. upon
C. by D. on

49. "Everyone loves him".
(Choose the Passive voice of the given sentence)

A. He is loved by all
B. He loves everyone
C. He was loved by everyone
D. He is loved by everyone

50. "I never eat meat, he explained."
(Change into indirect speech)

A. He explains that I eat meat
B. He explained to eat meat
C. He explained that he never ate meat
D. I explained that he never eats meat

Part II
ARITHMETIC

51. $0.003 \times 0.0004 = ?$

- A. 0.0012 B. 0.00012
C. 0.000012 D. 0.0000012

52. If the sum of two numbers is 16 and their product is 63. What is the larger number?

- A. 9 B. 10
C. 11 D. 12

53. A canteen requires 798 bananas for a week. Totally how many bananas will it require for the months of January, February and March 2022?

- A. 10480 B. 10277
C. 10586 D. 10374

54. Find 12% of 5000

- A. 620 B. 600
C. 680 D. 720

55. In a school of 850 boys, 44% are Muslims, 28% Hindus, 10% Sikhs and the remaining of other communities. How many belonged to other communities?

- A. 173 B. 163
C. 153 D. 143

56. Square root of 400 is

- A. 40 B. 25
C. 20 D. 100

57. If the cost of 12 eggs is Rs 40/-, what will be the cost of 3 eggs?

- A. 9 B. f10
C. 11 D. 12

58. Y travels 15 kms due South, then 5 kms due West, then 18 kms due North, then 3 kms due South, then 5 kms due East. How far is he from the starting point?

- A. 6 kms B. 3 kms
C. 0 kms D. 9 kms

59. Four gardeners with four mowers mow 400 square metres of ground in four hours. How long would it take for eight gardeners with eight grass mowers to mow 800 square metres of ground?

- A. 8 hours B. 6 hours
C. 12 hours D. 4 hours

60. In a class of 60 students the ratio of boys to girls is 3:2. How many girls are there in the class?

- A. 21 B. 22
C. 23 D. 24

61. Which of the following is a prime number?

- A. 19 B. 20
C. 21 D. 22

62. Ram borrows Rs 520 from Govind at a simple interest of 13% per annum. What amount of money should Ram pay to Govind after six months to pay of the debt?

- A. 552.80 B. 553.80
C. 453.80 D. 353.80

63. Mansi borrows Rs 65,000 at 10% per annum simple interest for 3 years and lends it at 10% per annum compound interest for 3 years. Find his gain after 3 years.

- A. Rs 2015 B. Rs 1330
C. Rs 1300 D. None of the above

64. The charges of hired car are Rs 4 per km for the first 60 km, Rs 5 per km for the next 60 km and Rs 8 for every 5 km for further journey. If the balance money left over with Rohit is one-fourth of what he paid towards the charges of the hired car for travelling 320 kms, how much money did he have initially with him.

- A. Rs 2015 B. Rs 1330
C. Rs 1300 D. None of the above

65. The monthly income of Ram, his wife and his son is Rs 6000, Rs 3000 and Rs 2000 respectively. What is their average income per month?

- A. Rs 5000 B. Rs 11000
C. Rs 3500 D. Rs 3666.6

66. Raju purchased three dozen mangoes at Rs 10 per dozen, two dozen mangoes at Rs 15 per dozen and five dozen mangoes at Rs 16 per dozen. Find the average cost per dozen of the mangoes purchased.

- A. 12 B. 15
C. 16 D. 14

67. A sell an article which cost him Rs 400 to B at a profit of 20%. B then sells it to C making a profit of 10% on the price he paid to A. How much does C pay B?

- A. Rs 472 B. Rs 476
C. Rs 528 D. Rs 532

68. A product is sold at a profit of 10% for Rs 220. Its cost price is Rs

- A. 210 B. 200
C. 180 D. 240

69. 18 men take 20 days to complete a job working 12 hours a day. Find the number of days that 15 men will take to complete a job working 9 hours a day.

- A. 20 B. 32
C. 28 D. 30

70. A and B can do a piece of work in 20 days. B and C can do it in 60 days. If B alone can do it in 90 days, in what time will A and C do it together?

- A. 30 days B. 22.5 days
C. 25 days D. 18 days

71. A bus from Delhi took 10 hours to reach Jammu. It covered half the distance at 60 km per hour and the rest of the distance at 40 km an hour. The distance between two cities is

- A. 500 km B. 520 km
C. 480 km D. 840 km

72. A car covers a distance of 816 kms in 12 hours. What is the speed of the car?

- A. 60 km/hr B. 62 km/hr
C. 64 km/hr D. 68 km/hr

73. David divides 78 by half and adds 11. What number he gets at the end?

- A. 50 B. 44.5
C. 167 D. 83.5

74. A train running at a speed of 90 km per hour crosses a platform double its length in 36 seconds. What is the length of the platform in metres?

- A. 450 B. 200
C. 300 D. none of the above

75. If 75 percent of a number is Y, and 80 percent of Y is 60, then what is the number?

- A. 100 B. 110
C. 120 D. 130

Part III
BASIC/ ELEMENTARY SCIENCE

76. Rainbow is produced when sunlight falls on drops of rain. Which of the following physical phenomena are responsible for this?

- (I) Dispersion
- (II) Refraction
- (III) Internal reflection

- A. II and III
- B. I and II only
- C. I, II and III
- D. I and III only

77. The source of energy is basically from

- A. Ocean
- B. Sun
- C. Atmosphere
- D. Space

78. Rise of mercury in barometer indicates

- A. Fair weather
- B. Storm
- C. Rain
- D. Both B and C

79. When an electric bulb breaks, there is a mild bang due to

- A. The chemical reaction between the enclosed gases
- B. The compressed gases rushing out suddenly
- C. The air rushing in to fill the evacuated space
- D. None of the above

80. The safety fuse wire used in domestic electrical appliances is made of metal of low

- A. Resistance
- B. Melting point
- C. Specific gravity
- D. None of the above

81. A lighted candle gets extinguished when covered with a tumbler because of

- A. Adequate supply of air
- B. Inadequate supply of air
- C. Presence of non luminous matter
- D. None of the above

82. Which of the following is used in pencils

- A. Graphite
- B. Silicon
- C. Charcoal
- D. Phosphorous

83. A ship rises as it enters the sea from a river because the

- A. Water in sea is hard water
- B. Larger quantity of water in the sea pushes the ship upwards
- C. Density of sea water is lower than that of the river water
- D. Density of sea water is higher than that of the river water

84. The first metal used by man was

- A. Iron
- B. Copper
- C. Aluminium
- D. Bronze

85. The most abundant metal in the earth's crust is

- A. Zinc
- B. Copper
- C. Aluminium
- D. Iron

86. The filament an electric bulb is made of

- A. Iron
- B. Nichrome
- C. Tungsten
- D. Graphite

87. Galvanised iron sheets have a coating of

- A. Tin
- B. Lead
- C. Zinc
- D. Chromium

88. Which of the following is not a wireless data transmission method?

- A. Bluetooth
- B. NFC
- C. Wi-Fi Direct
- D. None of the above

89. The variety of coal in which the deposit contains recognisable traces of the original plant material is called

- A. Anthracite
- B. Lignite
- C. Peat
- D. Bitumen

90. The highest grade of coal whose surface is shining and has the highest calorific value is

- A. Bituminous
- B. Lignite
- C. Anthracite
- D. Peat

91. Balloons are filled with

- A. Helium
- B. Oxygen
- C. Nitrogen
- D. Argon

92. During the night we should not sleep under a tree because at night the tree releases

- A. Oxygen
- B. Carbon Dioxide
- C. Carbon Monoxide
- D. Nitrogen Oxide

93. Which of the vitamin is provided by sunlight to our human body?

- A. Vitamin A
- B. Vitamin B
- C. Vitamin C
- D. Vitamin D

94. The vitamin which is very liable and easily destroyed during cooking as well as storage is

- A. Vitamin A
- B. Vitamin B
- C. Vitamin C
- D. Vitamin K

95. The compound used in anti malarial drug is

- A. Aspirin
- B. Neoprene
- C. Isoprene
- D. Chloroquine

96. Which of the following diseases is caused by the bite of a mad dog?

- A. Hydrocele
- B. Hydrophobia
- C. Hydrocephalus
- D. Hydroperitoneum

97. The most important requirement for people of flood hit area is

- A. Small pox vaccination
- B. BCG injection
- C. Inoculation against Cholera
- D. None of the above

98. The upper part of the human intestine next to the stomach is called

- A. Caecum
- B. Duodenum
- C. Ileum
- D. Jejunum

99. Flower colours are due to

- A. Chlorophyll
- B. Melanin
- C. Phytochromes
- D. Anthocyanins

100. Two richest known source of edible protein are

- A. Meat and eggs
- B. Milk and vegetables
- C. Soyabean and Groundnut
- D. Some algae and other microorganism

Part IV
GENERAL KNOWLEDGE

101. Who founded Yahoo?

- A. Dennis Ritchie and Ken Thompson
- B. David Filo and Jerry Yang
- C. Vint Cerf and Robert Kahn
- D. Steve Case and Jeff Bezos

102. CD-ROM is a

- A. Magnetic Memory
- B. Secondary Memory
- C. Semiconductor Memory
- D. Memory Register

103. Bluetooth relates to

- A. Blue coloured tooth
- B. Short range wireless technology
- C. Sweet tooth
- D. Tooth Decay

104. Autonomous State of Meghalaya came into existence in the year

- A. 1969
- B. 1970
- C. 1971
- D. 1972

105. The state day of Meghalaya is observed on

- A. 21st January
- B. 26th January
- C. 15th August
- D. 2nd October

106. Meghalaya will celebrate its 50th Statehood Day in the year

- A. 2022
- B. 2023
- C. 2024
- D. 2025

107. 12th Chief Minister of Meghalaya is

- A. Shri Conrad Sangma
- B. Dr Mukul Sangma
- C. Shri Metbah Lyngdoh
- D. None of the above

108. Mac Mohan Line demarcates the boundary between

- A. India and China
- B. India and Pakistan
- C. India and Bangladesh
- D. India and Myanmar

109. Greenwich Mean Time (GMT) is the standard time of which of the following countries?

- A. India
- B. Japan
- C. United Kingdom
- D. France

110. Greenhouse effect means

- A. Pollution in houses in tropical region
- B. Trapping of solar energy due to atmospheric carbon dioxide
- C. Prevention from ultra violet radiations by the ozone layer
- D. None of the above

111. The term Black box is used more commonly in relation to which of the

- A. It is a box in which high grade uranium is kept to prevent radiation
- B. It is a time capsule in which records of important events are kept to be opened at a later date
- C. It is a flight recorder in an aeroplane
- D. None of the above

112. Which of the following is called Black gold?

- A. Granite
- B. Coal
- C. Diamond
- D. Mica

113. Which of the following Indian States receives the sunrays first in the morning?

- A. Meghalaya
- B. Sikkim
- C. Arunachal Pradesh
- D. Tripura

114. Good governance day is observed on the birthday of which Prime Minister of India

- A. L B Shastri
- B. A B Vajpayee
- C. J L Nehru
- D. R Gandhi

115. Which Officer/person was associated with Jallianwala Bagh tragedy?

- A. General Harris
- B. Colonel Wellesly
- C. Brigadier General Dyer
- D. Arthur Wellesly

116. The ozone layer protects us from

- A. Visible rays B. Infrared rays
C. Ultraviolet rays D. Cosmic rays

117. In India the longest day falls on

- A. April 13 B. October 13
C. June 21 D. March 21

118. The southern tip of India is

- A. Point Calimere
B. Cape Comorin (Kanyakumari)
C. Indira Point in Nicobar Island
D. Kovalam in Thiruvananthapuram

119. Which State in India occupies the same 22nd ranking position in respect of area and population also?

- A. Manipur B. Meghalaya
C. Nagaland D. Gujarat

120. The first hydel project in Meghalaya was constructed on the river

- A. Umiam B. Umtru/ Umtrew
C. Ganol D. Leshka

121. Tura is the District Headquarter of

- A. East Garo Hills
B. West Garo Hills
C. Eastern West Garo Hills
D. Garo Hills

122. The newest district of Meghalaya

- A. South West Garo Hills
B. South West Khasi Hills
C. East Jaintia Hills
D. Eastern West Khasi Hills

123. Balpakram National Park is located in which district

- A. East Garo Hills
B. South Garo Hills
C. West Khasi Hills
D. South West Khasi Hills

124. Which is the state tree of Meghalaya?

- A. Granite B. Coal
C. Diamond D. Mica

125. Pitcher plant found in Meghalaya catches insects through what trap?

- A. Flypaper B. Bladder
C. Pitfall D. Snap

126. High altitude cash crop in Meghalaya is

- A. Paddy B. Potato
C. Orange D. Pineapple

127. Cherry tree blooms in Meghalaya during which season

- A. Winter B. Spring
C. Summer D. Autumn

128. Meghalaya Police is Headed by

- A. Inspector General of Police
B. Additional Director General of Police
C. Director General of Police
D. Superintendent of Police

129. Teachers' day falls on 5th September to celebrate birthday of

- A. J L Nehru B. Dr S Radhakrishnan
C. Maulana Azad D. J P Narayan

130. Children's day is observed on 5th November coinciding with the birthday of

- A. Chacha Nehru B. Sardar V B Patel
C. Dr Rajendra Prasad D. L B Shastri

131. In India, House of the People is called

- A. Rajya Sabha B. Lok Sabha
C. Vidhan Sabha D. Vidhan Parishad

132. Meghalaya Legislative Assembly has how many Members?

- A. 40 B. 60
C. 45 D. 90

133. How many Autonomous District Councils are there in Meghalaya?

- A. 3 B. 4
C. 5 D. 6

134. Name the Para military force in India

- A. CRPF B. BSF
C. SSB D. Assam Rifles

135. At present BRAHMOS missiles are assembled at

- A. Bengaluru B. Hyderabad
C. Chandipur D. Sriharikota

136. S-400 from Russia refers to

- A. Rocket Launcher
B. Missile defence system
C. Long Range Missile
D. Surface to Air Missile

137. ISRO launched Chandrayan -I in 2008 to probe and verify presence of what substance on the moon's surface

- A. Oxygen B. Water
C. Iron D. Bacteria

138. Neeraj Chopra won gold medal in Tokyo summer Olympics 2021 in

- A. Archery B. Table Tennis
C. Javelin D. Gymnastics

139. Meerabai Chanu won silver medal in Tokyo summer Olympics 2021 in

- A. Weight lifting B. Marathon race
C. Lawn tennis D. Fencing

140. Lovelina Borgohain won bronze medal in Tokyo Summer Olympics 2021 in

- A. Javelin B. Boxing
C. Athletics D. Swimming

141. Ravi Kumar Dahia won silver medal In Tokyo Summer Olympics 2021 in

- A. Wrestling B. 100 metres
C. Weight lifting D. Skateboarding

142. COVID 19 is an infectious disease caused by

- A. SARS COV 2 Virus B. HIV
C. H1NI virus D. Variola major virus

143. Malaria is caused by a parasite known as

- A. Plasmodium B. Helminths
C. Giardia D. Nematode

UBC-A

144. Swine flu is caused by

- A. Virus B. Bacteria
C. Fungus D. None of the above

145. Universal Blood donors have Blood Group

- A. O Negative B. O Positive
C. AB Positive D. B Positive

146. NDPS Act, 1985 frequently appears in the news relating to

- A. Narcotic drug B. Human trafficking
C. Medicine Smuggling D. Smuggling of Cattle

147. Meghalayan age is youngest part of Holocene epoch which is formed

- A. 11,700 to 8200 years ago
B. 8200 to 4200 years ago
C. 4200 years to present
D. None of the above

148. Inheritance of property and lineage of children in Meghalaya runs through a system known as

- A. Matriarchal system B. Matrilineal system
C. Patriarchal system D. Patrilineal system

149. Dinosaurs bones found in which district of Meghalaya

- A. East Khasi Hills B. South Garo Hills
C. West Khasi Hills D. West Jaintia Hills

150. Conference of Parties (COP) 26 meeting on climate change was held in

- A. Paris B. Glasgow
C. Madrid D. Katowice

Space for Rough Work