

Name: _____

Seat No. _____

General Instructions

- Pay your undivided attention to the instructor when instructions are being given.
- You are required to put your signature on the answer sheet.
- Write your name and seat number on question booklet.
- You cannot re-shade the answer once you have shaded an answer. In case you shade more than one letter for the same item, your answer will be treated as wrong.
- Use of mobile phones and calculators is strictly prohibited in the exam hall.
- After you have completed your test, submit your original answer sheet along with the question booklet. In case you fail to submit the question booklet, your name will be removed from the list of candidates, you will be treated fail and legal action will be taken against you.
- Below are the further details about the test:

| Total MCQ Items | Test Time | Marking on Wrong/Missing MCQ items | Rough Work Sheet |
|-----------------|-------------|---|--|
| 100 | 100 minutes | No negative marking on wrong/missing question | Rough work sheet is attached. Do not separate it |

PART-I (ENGLISH)

Passage for reading comprehension

Read the following passage and answer the questions set below it:

Work is worship. Work is rewarded. Great people of the world worked hard. Most of the living people, who are true to themselves, work hard to make their living, provide for their families and help the poor and needy relatives. They follow a best principle of self-help. The same brilliant examples we find in the life of some greatest people who followed Islam. Hazrat Fatima (R.A) fetched water, ground corn and swept the house. Caliph Omer bin Abdul Aziz (R.H) refused to hire a servant to help his wife. At table, Caliph Mamun-ur-Rashid (R.H) served not only himself but also his guests. Sultan Nasir-ud-Din earned his living by making caps, and Emperor Aurangzeb by transcribing the Holy Quran.

There are examples more than that of self-help in importance and worth. Hazrat Omer (R.A) once carried on his shoulders a large sack of flour for a needy family. Hazrat Ali (R.A) laboured in the garden of a Jew and gave away his wages in charity.

Answer the following first ten (01-10) questions from the above passage you have just read:

- Which of the following may be the most suitable topic or title of the above passage?
A. Honour of labour B. Dignity of work and self-help C. Doing good things D. Serving one's self
- In what tenses the above paragraph has been written?
A. Past Perfect Tense, Past Continuous Tense B. Present Indefinite Tense, Past Indefinite Tense
C. Past Perfect Continuous Tense, Past Perfect Tense D. Past Continuous Tense, Present Continuous Tense
- Meaning of underlined word "fetched" is _____.
A. went to where something was and brought it back B. sold for a particular price
C. brought something along D. carried something and left it somewhere
- It appears from the passage that Hazrat Ali (R.A) was _____.
A. hospitable B. pious C. wise D. generous
- The underlined word "ground" is _____.
A. a noun B. an adjective C. an adverb D. a verb
- Khalifa Omer bin Abdul Aziz (R.H) refused to hire a servant to help his wife because _____.
A. His wife was strong enough to do her work.
B. For privacy, Caliph Omer (R.H) did not like to have a servant at home.
C. Caliph Omer (R.H) wanted his wife to do her work by herself.
D. Caliph Omer (R.H) was very religious. Therefore, he had fear of God.
- The underlined word "living" means _____.
A. a way or style of life B. money to buy the things that you need in life
C. a place to live in D. cost of maintenance of life

8. The underlined word "transcribing" means
 A. recording something in written form from the original
 B. translating from one language to another language
 C. copying word for word from a speech
 D. expressing what somebody has written using easy words
9. The underlined phrase "gave away wages" means
 A. gave regular amount of earned money as a gift or good deed
 B. gave regular amount of earned money as a loan
 C. paid off debt owed to somebody
 D. paid earned money to somebody in his/her inheritance
10. People of how many religions are mentioned in the passage?
 A. one B. two C. three D. four

Note: Meanings of underlined words (synonyms and antonyms) are based on their contextual meanings in the given sentences

Synonyms

11. He was always willing to guide and help him.
 A. very happy B. ready to help C. generous and nice D. kind and friendly
12. They decided to remain calm.
 A. feel B. exist C. stay D. live
13. Thank you very much for such kind words.
 A. gentle B. sweet C. good D. friendly
14. I quite agree with you.
 A. fairly B. readily C. simply D. completely
15. You have got a strong point there.
 A. most important idea or opinion B. an important piece of advice
 C. the purpose or aim of something D. a particular detail or fact

Antonyms

16. Both friends used parallel path to reach their destination.
 A. difficult B. similar C. divergent D. aligned
17. Pakistan and India have hostile relations with each other due to Kashmir issue.
 A. negative B. inimical C. friendly D. aggressive
18. Accelerate your pace to meet the deadline.
 A. speed up B. supervise C. slacken D. loosen
19. Her candid remarks impressed the higher authorities.
 A. blunt B. guarded C. sincere D. controversial
20. Although she is intelligent, she is proud.
 A. ignorant B. dull C. arrogant D. smart

Error detection

21. If I will go to bazaar, I will buy a new pair of trousers for you.
 A B C D
22. I would like to know where do you live.
 A B C D
23. Tell me what is your hobby.
 A B C D
24. Bees make honey so we eat.
 A B C D
25. As weather being warm we stayed in.
 A B C D

Preposition

26. Qasim wakes up suddenly _____ the night.
 A. on B. in C. at D. upon
27. He has done a great service _____ me.
 A. for B. by C. to D. from
28. You have enrolled _____ more than one class.
 A. on B. into C. for D. at
29. Khalid forgot to wish me _____ my birthday.
 A. on B. at C. for D. upon

30. _____ serious injuries, he managed to play well in the last match.

- A. For B. In C. By D. Despite

Sentence Structure

31. By the time I picked up the phone, _____
 A. they had rang off B. they had rung off C. they will have rung off D. they rang off
32. _____, I will explain how the equipment works.
 A. If you wanted me to B. If you will want me to C. If you want me to D. If you had wanted me to
33. Someone is moving downstairs. We had better _____ the police.
 A. called B. call C. will call D. calling
34. I'm never on time, _____
 A. Am I? B. ain't I? C. am I? D. aren't I?
35. Go back the way that _____ from.
 A. you have come B. you came C. you come D. you will come

Correct spelling

36. A. welderness B. willderness C. wilderness D. wildirnes
 37. A. dialogue B. dialog C. dialog D. dialogee
 38. A. hazardus B. hazardous C. haserdus D. hazarduce
 39. A. Shakespear B. Shakespeare C. Shakspiear D. Shakespeer
 40. A. playwrite B. pleywright C. playwright D. playright

PART-II (MATHEMATICS)

41. What fraction of PKR 1 is 50 paise?
 A. $\frac{1}{2}$ B. $\frac{1}{4}$ C. $\frac{1}{8}$ D. $\frac{1}{16}$
42. The value of $\log_2 8 = \dots$
 A. $\frac{3}{2}$ B. $\frac{3}{4}$ C. $\frac{1}{2}$ D. $\frac{8}{2}$
43. The value of $\tan 45^\circ + \cot 45^\circ = \dots$
 A. $\frac{1}{2}$ B. 2 C. 1 D. -1
44. The improper fraction in the following list is...
 A. $\frac{2}{3}$ B. $\frac{3}{4}$ C. $\frac{4}{3}$ D. $\frac{5}{4}$
45. The $\frac{5}{2}$ can be expressed into mixed fraction as...
 A. $1\frac{3}{2}$ B. $2\frac{1}{2}$ C. $3\frac{1}{2}$ D. $4\frac{1}{2}$
46. The value of $(21)^2 - (19)^2 = \dots$
 A. 20 B. 40 C. 60 D. 80
47. The value of $25\% \text{ of } 40 + 30\% \text{ of } 60 = \dots$
 A. 10 B. 18 C. 28 D. 38
48. The missing value in $7 - \frac{1}{4} = \frac{2}{4}$ is...
 A. $\frac{1}{4}$ B. $\frac{3}{4}$ C. $\frac{2}{4}$ D. $\frac{1}{4}$
49. The value of $\frac{1}{2} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \dots$
 A. 1 B. 2 C. 4 D. 8
50. The value of $\frac{1}{2} \times \frac{2}{3} \times \frac{3}{4} \times \frac{4}{5} = \dots$
 A. 0.1 B. 0.2 C. 0.3 D. 0.4
51. After reading $\frac{7}{9}$ of a book, 40 pages are left. The number of pages in the book is...
 A. 160 B. 165 C. 170 D. 180
52. A drum full of rice weights 4016 kg. If the empty drum weights 1334 kg, th weight of rice in the drum is....
 A. 2682 kg B. 2782 kg C. 2882 kg D. 2982 kg
53. The difference between largest 3 digit number and smallest 3 digit number is...
 A. 879 B. 889 C. 899 D. 989
54. The present age of Sahil's mother is three times the present age of Sahil. After 5 years their ages will add to 66 years. The present age of Sahil is...
 A. 12 years B. 14 years C. 16 years D. 20 years
55. The two numbers are in the ratio 5:3. If they differ by 18, the required numbers are...
 A. 45, 27 B. 50, 32 C. 40, 22 D. 30, 18
56. Maximum number of right angles in a right-angled triangle are...

57. A miniature portrait of Quaid e Azam is square and has an area of 256 centimeters square. The length of each side of the portrait is...
58. A TV was purchased at Rs. 50000 and sold at Rs. 40000. The loss in percentage is...
59. The value of base in binary number system is...
60. The decimal number 34 can be expressed in binary number system as...

PART-III (GENERAL KNOWLEDGE)

Current Affairs/ World Knowledge

61. The capital of Iran is:
A. Kabul B. Tehran C. Zahedan D. Taftan
62. The Shrine of Khawaja Ghulam Farid (R.H), is located in:
A. Ranikot B. Rajanpur C. Ranipur D. Rawalakot
63. Arabic is not an official language of:
A. Kuwait B. Qatar C. Bahrain D. Turkey
64. Who authored 'Long Walk to Freedom':
A. Karl Marks B. Jawaharlal Nehru
C. Nelson Mandela D. Barack Hussein Obama
65. Which of the following is a landlocked sea:
A. Arabian Sea B. South China Sea C. Aral Sea D. Yellow Sea
66. Which of the following languages has most alphabets:
A. Urdu B. Sindhi C. English D. Balochi
67. Tibet is an autonomous region of:
A. India B. Russia C. China D. Nepal
68. Official Currency of Yemen is:
A. Rial B. Dirham C. Dinar D. Ringgit
69. +92 is the country code of:
A. Saudi Arabia B. China C. Pakistan D. Kuwait
70. Tomb of Babur: the first Mughal emperor is in:
A. Tashkent B. Bukhara C. Kabul D. Peshawar
71. National Flower of Pakistan is:
A. Rose B. Tulip C. Jasmine D. Lily
72. The Secretary General of the OIC is elected for the period of:
A. 3 Years B. 4 Years C. 5 Years D. 6 Years
73. Which of the following uses GMT+5 as its standard time:
A. Bangladesh B. India C. Pakistan D. Afghanistan
74. The land of Kangaroos is:
A. Brazil B. Australia C. South Africa D. Thailand
75. Which country won ICC Women's Cricket World Cup 2022?
A. India B. England C. Australia D. South Africa

Everyday Science

76. Which disease is caused due to the deficiency of vitamin D that causes bones to become soft and weak?
A. Beriberi B. Rickets C. Scurvy D. Night blindness
77. Fats are found in following except:
A. Oil B. Butter C. Vegetables D. Margarine
78. Animals that eat both plants and animals are known as:
A. Herbivores B. Carnivores C. Omnivores D. Insectivores
79. A solution that can dissolve more solute at a given temperature is called:
A. saturated solution B. unsaturated solution
C. supersaturated solution D. concentrated solution
80. The simplest kind of matter which cannot be further split up into simpler substances by chemical reactions is called:
A. compound B. solution C. alloy D. element

81. The atoms of same element which have the same atomic number but different mass numbers are known as:

- A. isotopes B. isomers C. isomorphs D. isobars

82. "A chemical compound always contains the same elements combined together in the same proportion or ratio" is the statement of:

- A. Law of conservation of mass B. Law of multiple proportion
C. Law of constant composition D. Law of reciprocal proportion

83. Which of the following animal is secondary consumer?

- A. Cat B. Sheep C. Mouse D. Wolf

84. Among the following, which is not present in animal cell?

- A. Cell membrane B. Cytoplasm C. Cell wall D. Nucleus

85. When a French bean germinates in soil, a hook like structure emerges that structure is called:

- A. Hypocotyl B. Cotyledons C. Embryo D. Micropyle

Islamiat/ Pakistan Studies

86. The government of Durrat-e-Hind was dissolved for the second time on November 1906 by:

- A. Chief justice of Pakistan B. President of Pakistan
C. National speaker of Pakistan D. Chairman of Pakistan

87. With Muhammad Ali Jinnah as Muslims league president for the first time, the meeting of both the league and congress were held at:

- A. Poona B. Bombay C. Calcutta D. Lucknow

88. Indus water treaty was signed between which countries?

- A. India and China B. Pakistan and China C. Pakistan and India D. Pakistan and Afghanistan

89. Pillars of Islam are called:

- A. Arkan-e-Islam B. Uloom-e-Islam C. Shar'iat-e-Islam D. Fatawa-e-Islam

90. What is the first month of the Islamic calendar?

- A. Shawwal B. Muharram C. Thul Qadth D. Thul Hijjah

Computer

91. Which one of the following is the highest unit of memory.

- A. TB B. GB C. MB D. KB

92. Which one of the following is the smallest unit of memory.

- A. TB B. GB C. MB D. Kb

93. Which of the following is binary equivalent (7_2) of decimal number (20_{10})?

- A. 11111 B. 10100 C. 10001 D. 11001

94. Which of the following is the decimal equivalent (7_{10}) of binary number (11111_2)?

- A. 20 B. 17 C. 31 D. 24

95. Which of the following is the brain of the computer?

- A. CPU B. Memory C. ALU D. Hard Disk

96. Which of the following is billionth of a second?

- A. Microsecond B. Nanosecond C. Terabyte D. Gigabyte

97. The two kinds of main memory are:

- A. CDs & DVDs B. RAM & ROM C. Direct & Sequential D. USB & CD

98. The correct syntax of using COUNTIF () function in MS Excel 2016 is:

- A. =COUNTIF (Range, Criteria) B. =COUNTIF (Criteria, Range)
C. =COUNTIF (Value if true, Value if false) D. =COUNTIF (Criteria, True, False)

99. Which of the following function of Excel you will use to extract substring 'Pak' from word 'Pakistan'?

- A. =FIND () B. =CONCAT () C. =LEFT () D. =SUBSTRING ()

100. We can add charts in Excel worksheet by using:

- A. Home Tab B. Insert Tab C. Analyze Tab D. Review Tab

THE END

Rough work page is not next page. You can mark on it.