

Model Question

BBA, IBA-JU

Time:55 minutes

Marks:75

1. সাদৃশ্য অর্থে অব্যয়ীভাব সমাস কোনটি?
ক. উপকূল খ. উপশহর গ. উপকণ্ঠ ঘ. প্রতিকূল
২. 'এ যে লেজে খেলায়'-এ বাক্যে 'লেজে' কোন কারক?
ক. অপাদান খ. করণ গ. কর্ম ঘ. কর্তৃ
৩. 'পুতুলনাচের ইতিকথা' কোন জাতীয় গ্রন্থ?
ক. নাটক খ. কাব্য গ. উপন্যাস ঘ. গল্প
৪. 'চট্কা' আদিগণের অন্তর্ভুক্ত কোনটির?
ক. বিগড়া খ. কোদলা গ. ধম্কা ঘ. উপ্চা
৫. 'পাখি ঘাস খায়'- বাক্যটি অশুদ্ধ কেন?
ক. আসক্তির অভাব খ. যোগ্যতার অভাব
গ. পদবিন্যাসের ত্রুটি ঘ. অর্থ অস্পষ্ট

General Knowledge:

6. Which word will appear first in the dictionary?
a) explain b) experineatal c) expenditre d) expiration
7. When did Iraq invode kuwait?
a) Aug 1994 b) Aug 1990 c) March 1987 d) June 1989
8. Which country was Che Guevara Form?
a) Brazil b) Chile c) Bilivia d) Argentina
9. Capital of Kenya-
a) Santiago b) Nairobi c) Sofia d) Beirut
10. The oldest internet search engine among the following is-
a) google b) ask.com c) Yahoo d) MSN
11. Where is 'Shalbon Bihar' located?
a) Rajshahi b) Comilla c) Bogra d) Naogaon
12. Wikipedia is-
a) OS b) Online encyclopedia
c) Search engine d) Spell checker
13. In which city the headquarter of WTO is located?
a) Paris b) geneva c) Brussels d) New York City
14. What does ERD stand for?
a) Economic Relatians Division b) Economic Resource Division
c) Economic Research Department d) Economic Relation Department
15. Which company holds major share of Grameenphone?
a) SingTel b) Grameen bank c) Telenor d) NOARD

Dream's

36. Loud.... the cries of the victims.
 a) was b) were c) raised d) rang
37. Correct synonym: FIASCO
 a) debele b) Protest c) artificial d) untamed
38. 'Blue chips' are-
 a) securities issued by the government
 b) industrial shares considered to be a safe investment
 c) flat plastic countres used as many takens
 d) risky investment of industrial shares
39. Nazmul was gravely concerned about the problem.
 a) verb b) adverb c) adjective d) none
40. The bank will compensate the customer.....his loss.
 a) to b) for c) an d) at

Question: (41-45) read the following passage and answer the questions:

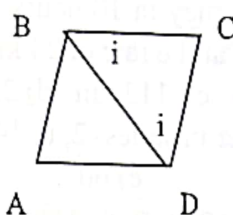
A 'Geostationary' orbits moves in a big circle away from the earth. It allows a satellite to rotate at the same speed that the earth rotates so that it stays at the same position over the earth all the time. This is useful for television and the navigation. The 'Polar Orbit' circles around the earth's poles, so that the entire earth can be scanned to observe weather conditions. However, the one mostly favored by the scientists is the 'Low Earth' orbit. Because, it allows them to carry out space investigations. An 'Eccentric' orbit on the other hand allows a satellite to rotate at different distances from the earth and send information from different angles. This is useful for studying magnetic and electrical field.

41. A geostationary satellite ___ in the position over the earth.
 A. Stayed B. stays C. staying D. None
42. It ___ around the earth in big circles.
 A. Moves B. Moved C. had been moving D. had moved
43. The polar orbit scans the whole earth ___ around the earth's poles
 A. staying B. stayed C. stays D. None
44. This is ___ for studying magnetic and electrical field
 A. Helps B. helpful C. helping D. None
45. This is necessary for ___
 A. navigate B. navigation C. navigating D. navigates

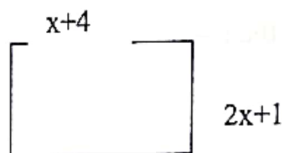
Mathematics and IQ:

46. With a speed of 60km/hour, a train crosses a pole in 30 seconds. The length of the train-
 a) 1000 b) 900 c) 750 d) 500
47. If 6 men working 8 hours a day earn tk. 840 per week, then 9 men working 6 hour a day while earn how much per week?
 a) 840 b) 945 c) 1620 d) 1680
48. Which number is 60% less than 80?
 a) 48 b) 42 c) 32 d) 12

49. ABCD is a parallelogram. $BD = 2$. The angles of BCD are all equal. What is the perimeter of the parallelogram?



- a) 12 b) 8 c) 9 d) $9\sqrt{3}$
50. How many times does the digit 5 appear on integers between 2 and 62?
 a) 15 b) 16 c) 5 d) 6
51. What is the ratio of $\frac{3}{7}$ to the product $3\frac{7}{3}$?
 a) 3:7 b) 3:49 c) 3:21 d) 1:3
52. The sum of prime numbers between 40 and 50 is-
 a) 176 b) 495 c) 274 d) 131
53. How many liters of a 40% iodine solution need to be mixed with 35 liters of a 20% iodine solution to create a 35% iodine solution?
 A. 35 B. 49 C. 100 D. 105
54. What is the volume of a cylinder with diameter 6 and height 6?
 a) 36π b) 18π c) 54 d) 16
55. A woman was thirty years old when her daughter was born, her age is now 6 years more than three times daughter's age. How old will be the daughter in 5 years?
 a) 19 b) 18 c) 17 d) 15
56. If the figure is a Square, what is the perimeter of the figure?



- a) 9 b) 12 c) 16 d) 28
57. What is the acute angle between the hands of hour and minute at 6:35?
 a) 5° b) $12\frac{1}{4}^\circ$ c) 15° d) 30°
58. There are 4 women and 4 men sitting in waiting room for a job interview. If two of the applicants are selected at random, what's the probability that both will be women?
 a) $\frac{1}{2}$ b) $\frac{3}{1}$ c) $\frac{3}{4}$ d) $\frac{3}{14}$
59. How many liters of water should be added to a 30 liter and water in the ratio of 7:3 such that the resultant mixture has 40% water in it?
 a) 7 b) 10 c) 5 d) 12
60. A football team has won 40 games and of 60 played, it has 32 more games to play, than many of these must the team win to make it record 75% win for the season?
 a) 20 b) 25 c) 29 d) 32
61. A shirt was sold at 6% profit, if the purchase price were 4% loss and selling price were tk.4 more the profit would be 12.5% what was purchase price of the shirt?
 a) 240 b) 220 c) 200 d) 180
62. If $(2+\sqrt{x}) > 2\sqrt{x}$, which is true?

Dream's

- a) $x < 1$ b) $x < 2$ c) $x < 3$ d) $x < 4$

63. Ifti completes a journey in 10 hours. He travels first half of the journey at the rate of 21 km/hr. and second half at the rate of 24 km/hr. Find the total journey in km.

- a) 121 km b) 242 km c) 112 km d) 224 km

64. Next logical number in series- 2, 6, 14, 30.....is

- a) 64 b) 62 c) 60 d) 58

65. $2^{35} + 2^{35} + 2^{35} + 2^{35} + 2^{35} + 2^{35} + 2^{35} + 2^{35} + \dots$

- a) 8^{38} b) 8^{180} c) 2^{38} d) 16^{35}

66. If $m=6$, then the expression $\{(\frac{m^2}{3}) - m + 10\}$ is equal to -

- a) -2 b) -12 c) 6 d) 12

67. A two digit number has 3 in its unit digit the sum of its digits is one seventh of the number itself what is the number?

- a) 73 b) 63 c) 53 d) 50

Exactly 7 persons - P, Q, R, S, T, U and V - participate in and finish all of a series of swimming races. There are no ties for any position at the finish of any of the races.

V always finishes somewhere ahead of P.

P always finishes somewhere ahead of Q.

Either R finishes first and T finishes last, or S

finishes first and U or Q finishes last.

68. If in a race S finishes second, which of the following can be true?

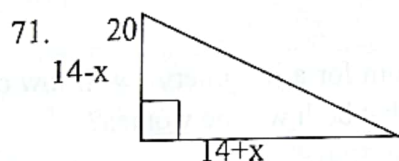
- a. P finishes before b. V finishes before S
c. U finishes before V d. T finishes before Q.

69. If in a race R finishes first, V can finish no lower than—

- a. second b. fourth c. sixth d. fifth

70. If in a race V finishes fifth, which, must be true?

- a. S finishes first b. U finishes last
c. Q finishes fourth d. T finishes third



In the figure, is a right triangle what is the value of x?

- a) 1 b) 2 c) 200 d) 4

72. A certain 90 mile trip took 2 hours. Exactly 1/3 of the distance travelled was by rail & this part of the trip took 1/5 of the travel time? What was the average rate, in miles per hour, of the rail portion of the trip?

- a) 12 mph b) 75 mph c) 45 mph d) 60 mph

73. If $P+Q = R$ and $P+R = 2Q$, what is the ratio of P to R?

- a) 1:1 b) 1:2 c) 2:1 d) 1:3

74. Mr. Abid usually makes a 45% profit on every radio he sells. During a sale, he reduces his margin of profit to 40% while his sales increase by 10%. What is the ratio of his new total profit to the original profit?

- a) 1:1 b) 8:9 c) 45:44 d) 44:45
75. If the average of 5 consecutive even integers is n , what is the median of these 5 integers?
- a) 0 b) 2 c) n d) $n-2$

1. B	2. B	3. C	4. C	5. B	6. C	7. B	8. D	9. B	10. A
11. B	12. B	13. B	14. A	15. C	16. B	17. B	18. D	19. C	20. D
21. B	22. C	23. B	24. A	25. A	26. C	27. D	28. C	29. B	30. B
31. B	32. C	33. B	34. B	35. A	36. B	37. A	38. B	39. B	40. B
41. B	42. A	43. A	44. B	45. B	46. D	47. B	48. C	49. B	50. B
51. B	52. D	53. D	54. B	55. C	56. B	57. B	58. D	59. C	60. C
61. C	62. D	63. D	64. B	65. D	66. C	67. B	68. C	69. B	70. A
71. C	72. B	73. D	74. D	75. C					