7. Muzamil's quiz scores in math were 95, 87, 84, 84, and 60. What was the average of these scores?

   A.   80.2
   B.   81
   C.   81.5
   D.   82
   E.   84

8. $25 \times 5 - 10 \div 2 \,(4 \times 7) \div 4 \times 6$

   A.   75
   B. -85
   C.   58
   D.   135

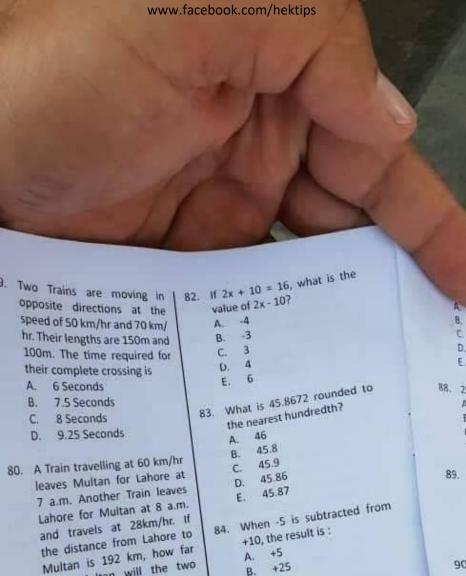9. $69.2 \div 0.04 \div 2 = ?$

   A.   1730
   B.   865
   C.   34.6
   D.   135.42

10. Two cars starts from one point and move along two roads at right angles to each other. Their speeds are 36 km/hr and 48 km/hr respectively. After 15 Seconds, the distance between them will be

   A.   400 m
   B.   150 m
   C.   300 m
   D.   250 m

9. Two Trains are moving in opposite directions at the speed of 50 km/hr and 70 km/hr. Their lengths are 150m and 100m. The time required for their complete crossing is
   A. 6 Seconds
   B. 7.5 Seconds
   C. 8 Seconds
   D. 9.25 Seconds

80. A Train travelling at 60 km/hr leaves Multan for Lahore at 7 a.m. Another Train leaves Lahore for Multan at 8 a.m. and travels at 28km/hr. If the distance from Lahore to Multan is 192 km, how far from Multan will the two trains cross another?
   A. 135 km
   B. 140 km
   C. 145 km
   D. 150 km

81. 'n' is an integer chosen at random from the set {5, 7, 9, 11} and 'p' is chosen at random from the set {2, 6, 10, 14, 18} What is the probability that n + p = 23?
   A. 0.2
   B. 0.1
   C. 0.11
   D. 0.6

82. If $2x + 10 = 16$, what is the value of $2x - 10$?
   A. -4
   B. -3
   C. 3
   D. 4
   E. 6

83. What is 45.8672 rounded to the nearest hundredth?
   A. 46
   B. 45.8
   C. 45.9
   D. 45.86
   E. 45.87

84. When -5 is subtracted from +10, the result is :
   A. +5
   B. +25
   C. -5
   D. 15
   E. -10

M.B

85. The square root of 61504 is exactly
   A. 245
   B. 246
   C. 247
   D. 248
   E. 249

86. What is 75% of 16?
   A. 28
   B. 24
   C. 12
   D. 22

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72. A pipe can fill a tank in 15 hours. The tank develops a hole and 10% of water leaks out. The pipe now fills the tank in
    A. 16 hours 40 mins
    B. 18 hours 40 mins
    C. 20 hours
    D. 17 hours 30 mins

73. A clerk walks from his house at 4 km/hr and reaches his office 5 minutes late. If his speed is 5 km/hour, he will reach his office 10 minutes early. How far is his office from home?
    A. 5 km
    B. 4.5 km
    C. 5.5 km
    D. 6 km

M.B

74. Zahid started his business by investing Rs. 60000. After 4 months, Kamal joined him with an investment of Rs. 40000. If they make a profit of Rs. 5200 at the end of the year, Kamal's share should be
    A. Rs. 1200
    B. Rs. 1450
    C. Rs. 1560
    D. Rs. 1600

75. An Alloy contains copper and zinc in the ratio 5 : 2 and another contains zinc and tin in the ratio 3 : 2. If two parts of 1st alloy and one part of second alloy are melted together to form a new alloy of copper, zinc and tin, the ratio of the metals will be
    A. 10 : 5 : 6
    B. 10 : 7 : 4
    C. 10 : 7 : 2

76. The circumference of a circle is equal to the perimeter of a square. The area of circle and square are in the ratio
    A. 4 : 11
    B. 11 : 7
    C. 14 : 11
    D. 22 : 7

77. Rauf went to buy 2 liters of milk. The milkman measured milk with a vessel which was 20cm long 15cm broad and 5cm deep. Thus he got
    A. 500 cc milk more
    B. 560 cc milk less
    C. 600 cc milk more
    D. 500 cc milk less

78. If length of a rectangle is increased by 40% and the width decreased by 60% then the change in area is
    A. 50% decrease
    B. 50% increase
    C. 44% decrease
    D. 44% increase

13

51. Which of the following could be the group of ornament pieces displayed in shelf 1?
   A. J, L, M
   B. J, K, L, O C.
   C. J, M, N, O
   D. J, M, O, P
   E. K, L, M, N, O

52. Which of the following is NOT an acceptable arrangement for displaying the ornament pieces? Shelf 1 Shelf 2
   A. J, L, M, N, P K, O
   B. J, M K, L, N, O, P
   C. J, M, O K, L, N, P
   D. J, M, P K, L, N, O
   E. J, O, P K, L, M, N

53. If J and M are the only ornament pieces displayed in shelf 1 and K is one of the ornament pieces displayed in shelf 2, shelf 2 must also contain
   A. L and N and at least one other ornament piece
   B. O and P and at least one other ornament piece
   C. L, N and O but not P
   D. L, N and P but not O
   E. L, N, O and P

54. If K is the only large ornament piece displayed in shelf 1, which of the following must be true?
   A. Exactly two ornament pieces are displayed in shelf 1.
   B. No more than five ornament pieces are displayed in shelf 2.
   C. Shelf 1 and shelf 2 each contain exactly two small ornament pieces.
   D. All four small ornament pieces are displayed.
   E. All three large ornament pieces are displayed.

Questions 55-60

Six different ladies Zakia, Tania, Kamila, Bushra, Sania and Zohra compete in a "cooking race" in which the lady with the most completed cooking assignments is said to finish the race first and the lady with the fewest completed cooking assignments is said to finish the race last. The other ladies are ranked between first and last according to the number of completed cooking assignments. The following statements are all true about the results of the cooking race:
Tania finished either immediately before or immediately after Bushra. Sania finished third. Zakia did not finish last. There were no ties.

9

65. What is the speed of a 75m long train which passes a 150m long platform in 10 seconds?
    A. 60 km/hour
    B. 68 km/hour
    C. 76 km/hour
    D. 81 km/hour

66. Shahid engaged a labour for 30 days on the condition that Rs. 80 per day will be given for the days he works, and he will be fined Rs. 10 per day for the days he is absent. If he receives Rs. 1770 after 30 days, the number of days he was absent is
    A. 6
    B. 7
    C. 8
    D. 5

67. A number is increased by 20% and then decreased by 20 %. The final value of the number
    A. does not change
    B. decrease by 2%
    C. increase by 4%
    D. decrease by 4%

68. A man spends 25% of his income on house rent, 45% of his income on food and 40% of the balance on conveyance. If he is left with Rs. 540, his income is
    A. Rs. 2800
    B. Rs. 2900
    C. Rs.3000
    D. Rs. 3500

69. Two numbers are 40% and 20% less than a third number. What percentage of the first number forms of the second?
    A. 60%
    B. 70%
    C. 75%
    D. 80%

70. In an examination, every candidate took history or Geography or both. 64.8% took History and 60.2% took Geography. If the total number of candidates are 2000, then the candidates who took both are
    A. 500
    B. 590
    C. 630
    D. 660

71. The ratios of pure milk and water in two vessels are 3 : 1 and 7 : 5 respectively. If equal quantities of the mixtures of two vessels are mixed together, then the ratio of pure milk and water in the new vessel is
    A. 1 : 2
    B. 2 : 1
    C. 5 : 3
    D. 3 : 5

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12

46. The molten lava cakes must be next to each other if an ice cream cake is in which of the following positions?
    A. The first
    B. The third
    C. The fifth
    D. The seventh
    E. The ninth

47. If the second cake is a molten lava cake and the third cake is an ice cream cake, which of the following can be a molten lava cake?
    A. The fourth
    B. The sixth
    C. The seventh
    D. The eighth
    E. The ninth

48. If no molten lava cake is next to another molten lava cake, any of the following could be ice cream cakes EXCEPT the
    A. second
    B. third
    C. fifth
    D. seventh
    E. eighth

49. If the first and seventh cakes have the same kind of ingredients, which of the following must be a black forest cake?
    A. The first
    B. The second
    C. The fourth
    D. The sixth
    E. The eighth

50. If a molten lava cake is in the fifth position and a black forest cake is in the ninth position, which of the following pairs of cakes must have different kinds of ingredients?
    A. The first and the second
    B. The second and the third
    C. The second and the fourth
    D. The third and the fourth
    E. The third and the fifth

Questions 51 - 54

Two display counters, shelf 1 and shelf 2, are to be used for a display of ornament pieces. The only ornament pieces available are three large ones J, K and L and four small ones M, N, O and P. The display must meet the following conditions:

At least six of the ornament pieces must be included in the display. There must be at least one ornament piece displayed in each of the two counters.

J and K cannot be displayed in a shelf together.

J and M, if included in the display, must be in a shelf together; neither can be included in the display alone.

L and N, if included in the display, must be in a shelf together; neither can be included in the display alone.

52. W
    an
    fo
    pie
    A.
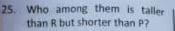   B.
    C.
    D.
    E.

53. If
    orn
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    A.

    B.

    C.
    D.
    E.

B
C
D
E.

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C May 2

25. Who among them is taller than R but shorter than P?
    A. T
    B. Data inadequate
    C. Q
    D. U

26. Who among them plays Basketball?
    A. S
    B. U
    C. Q
    D. R

27. Which of the following statements is not true?
    A. T is taller than R
    B. U is taller than Q
    C. P is shorter than R
    D. Q is taller than S

28. Who will be at the third place if they are arranged in descending order of their height?
    A. T
    B. Q

M.B

    C. P
    D. S
    E. None of these

QUESTION No. 29 - 33

Six scientist A, B, C, D, E, & F want to demonstrate an integrated experiment based on inter disciplinary approach. Their disciplines are Chemistry, Zoology, Botany, Physics, Geology and Mathematics, but not necessarily in this order. Each day only one scientist will perform the part of his discipline. The experiment will start on Monday and end on Sunday. One day which otherwise is a part of the experiment. Chemistry will be on the very next day of Geology. A, who is a Mathematician, can be slated for performing either on the second day or the last day. However, his day should not be immediately preceded by Botany. C will demonstrate on the third and Physics will be on the fifth day. E who is a Zoologist performs on the second day. B performs on Monday and after F's performance will be rest day.

29. On which day will the Chemist perform?
    A. Monday
    B. Friday
    C. Sunday
    D. Saturday

30. The experiment will start with which of the following disciplines?
    A. Zoology
    B. Geology
    C. Mathematics
    D. Chemistry

31. Which day will be the rest day?
    A. Tuesday
    B. Thursday
    C. Saturday
    D. Cannot be determined

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32. Physics will be preceded by
    A. Chemistry
    B. Zoology
    C. Botany
    D. Geology

33. Which of the following is the correct sequence of scientist's performing
    A. BEDCFA
    B. BCEFDA
    C. AFDECB
    D. BECDFA

M.B

QUESTION No. 34 - 38
A, B, C, D, E and F are member of a club. There are two married couples in the group. A is the brother of D's husband. C is the president of All Asia Working Women's Association. F, a singer is a bachelor. B's wife is not the member of the club. Four of them belong to the same family. B and F are colleagues in the same organization.

34. How is F related to B?
    A. Brother
    B. Nephew
    C. Father
    D. Data inadequate

35. Which of the following groups consist of members of the same family?
    A. ABED
    B. BCDE
    C. ADEF
    D. BDEF

36. How many unmarried male members of the same family?
    A. One
    B. Two
    C. Three
    D. Four

37. Who is married to D?
    A. A
    B. B
    C. E
    D. F

38. Who is married to C?
    A. A
    B. B
    C. A or B
    D. E

Questions 39 - 44
A gardener is planning an exhibit. Seven plants F, G, H, J, R, S and U are to be exhibited, three on the north south corner, four on the north corner of the garden. Four plants F, G, H and J are ever green and three R, S and U are seasonal plants. The gardener will satisfy the following requirements in setting up the exhibit: Each corner will have at most two seasonal plants placed in it. G cannot be in the same corner as U. H cannot be in the same corner as R.

39. Which of the following groups of plants could be placed on the north corner?
    A. F, G, H and U
    B. F, H, S and U
    C. G, H, R and U
    D. G, J, R and U
    E. J, R, S and U
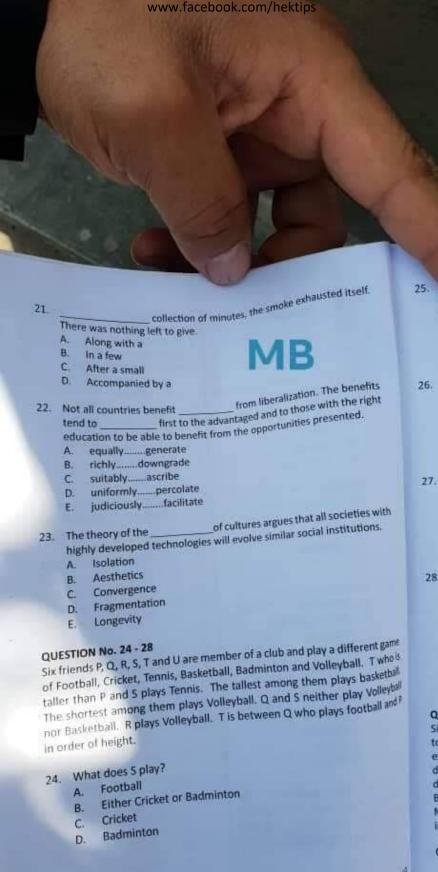
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fo...
placed o
    A. F, G
    B. F, J
    C. G,
    D. G,
    E. H,

41. If S and
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    A. F
    B. G
    C. H
    D. J
    E. F

42. If S a
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    B.
    C.
    D.
    E.

43. If G
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    foll
    on
    A.
    B.
    C.
    D.
    E.

C May

21. _____ collection of minutes, the smoke exhausted itself. There was nothing left to give.
    A. Along with a
    B. In a few
    C. After a small
    D. Accompanied by a

MB

22. Not all countries benefit _____ from liberalization. The benefits tend to _____ first to the advantaged and to those with the right education to be able to benefit from the opportunities presented.
    A. equally........generate
    B. richly........downgrade
    C. suitably........ascribe
    D. uniformly........percolate
    E. judiciously........facilitate

23. The theory of the _____ of cultures argues that all societies with highly developed technologies will evolve similar social institutions.
    A. Isolation
    B. Aesthetics
    C. Convergence
    D. Fragmentation
    E. Longevity

QUESTION No. 24 - 28

Six friends P, Q, R, S, T and U are member of a club and play a different game of Football, Cricket, Tennis, Basketball, Badminton and Volleyball. T who is taller than P and S plays Tennis. The tallest among them plays basketball. The shortest among them plays Volleyball. Q and S neither play Volleyball nor Basketball. R plays Volleyball. T is between Q who plays football and P in order of height.

24. What does S play?
    A. Football
    B. Either Cricket or Badminton
    C. Cricket
    D. Badminton

25. _____
    tha.
    A.
    B.
    C.
    D.

26. Who
    Bask
    A.
    B.
    C.
    D.

27. Whi
    stat
    A.
    B.
    C.
    D.

28. Wh
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    B.
    C.
    D.
    E.

QUESTI
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C May

11. FUTILITY
    A. Dignity
    B. Paucity
    C. Utility
    D. Importance
    E. Poise

12. GREGARIOUS
    A. Affable
    B. Hostile
    C. Social
    D. Amiable
    E. Communal

13. CRAVEN
    A. Saintly
    B. Courteous
    C. Courageous
    D. Cribbing
    E. Chivalrous

M.B

14. IMPEDIMENT
    A. Deterrent
    B. Encumbrance
    C. Obstacle
    D. Benefit
    E. Trammel

15. ABEYANCE
    A. Suspended
    B. Continuant
    C. Doldrum
    D. Dormant

Complete the sentences by choosing the most appropriate word, from the given lettered choices (A to D/E) below each.

16. I looked _____ my bed for my shoes.
    A. Under
    B. Across
    C. Beneath
    D. Underneath
    E. Below

17. Her attitude is _____.
    A. Humiliating
    B. Ridiculous.
    C. Insignificant
    D. Indecisive

18. The fear _____ with feeling incompetent is the fear of being humiliated, embarrassed and _____.
    A. endowed........criticized
    B. afflicted....downtrodden
    C. consistent.......damaged
    D. associated......vulnerable
    E. imbued..........exposed

19. It would be difficult for one so _____ to believe that all men are equal irrespective of caste, race and religion.
    A. emotional
    B. democratic
    C. intolerant
    D. liberal

20. I am _____ to Trudy White for her grace and talent.
    A. Indebted
    B. Honoured
    C. Obliged
    D. Grateful

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For the lettered pairs (A to D/E) follow a related pair of words given in capitals. Select the lettered pair that best expresses a relationship similar to that expressed in the original pair in capitals.

1. BLURRED: CONFUSED::
   A. Muddled: unclear
   B. Dangerous: adequate
   C. Scam: clarity
   D. Abatement: significant

2. NOTABLE: NOTORIUS::
   A. Philanthropic: benevolent
   B. Philandering: pleasant
   C. Heinous: Atrocious
   D. Nefarious: Secret
   E. Philanthropic: Miserly

3. MORPHINE: SEDATES::
   A. Drug: addicts
   B. Liquor: intoxicates
   C. Medicine: soothes
   D. Oil: smears
   E. Bandage: heals

4. TERMAGANT: SHREW::
   A. Anteater: mouse
   B. Virago: harpy
   C. Supporter: nag
   D. Single: married
   E. Male: female

5. TOKEN: TURNSTILE::
   A. Words: telegram
   B. Coin: telephone
   C. Diesel: automobile
   D. Road: toll
   E. Profession: license

6. WATER: FLOOD::
   A. Rain: river
   B. Wind: sleet
   C. Snow: blizzard
   D. Ice: floe

Choose the lettered word or phrase that is most nearly opposite in meaning to the word in capital letters.

7. DEXTERITY
   A. Temerity
   B. Skill
   C. Disastrous
   D. Decent
   E. Clumsy

8. ANCILLARY
   A. Spare
   B. Primary
   C. Honorary
   D. Negative
   E. Nominal

9. BRITTLE
   A. Genial
   B. Briny
   C. Cooked
   D. Salty
   E. Crisp

10. IMPEACH
    A. Punish
    B. Praise
    C. Acquit
    D. Disgrace
    E. Chastise

12.

13. C
    A
    B.
    C.
    D.
    E.

14. IMF
    A.
    B.
    C.
    D.
    E.

15. ABEYA
    A. S
    B. C
    C. Do
    D. Do

Complete t
choosing the
word, from
choices (A to D,

C May 2019

2

Award of
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Academic Year 2019

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