

SNAP 2020 Memory Based Question Paper PDF

1. Direction: Fill in the blank with the appropriate suffix from the given option: The scandal was a major embarrass for the government.

1. -ward
2. -ment
3. -al
4. -ise

Directions: Read the passage carefully and answer the questions given beside.

Paragraph 1: When you are the chief executive of a public company, the temptation to opt for a merger or acquisition is great indeed. Many such bosses may get a call every week or so from an investment banker eager to offer the kind of deal that is sure to boost profits. Plenty of those calls are proving fruitful. In the first three quarters of 2017, just over \$2.5trn-worth of transactions were agreed globally, according to Dealogic, a data provider. The total was virtually unchanged from the same period in 2016, but the number in Europe, the Middle East and Africa was up by 21%.

Paragraph 2: It is easy to understand why an executive opts for a deal. Buying another business looks like decisive action, and is a lot easier than coming up with a new, bestselling product. Furthermore, being the acquirer is far more appealing than being the prey; better to be the butcher than the cattle. A takeover may keep activist hedge funds off the management's back for a while longer. And being in charge of a much bigger company is a more demanding task that will surely justify a larger salary for the executives in charge.

Paragraph 3: But these temptations, good and bad, should generally be resisted. S&P Global Market Intelligence, a research arm of the ratings agency, has updated a study on the impact of deals on the acquiring company's share price. The study looked at M&A deals done by listed companies in

America's Russell 3000 index between January 2001 and August 2017; deals were only included if they cost more than 5% of the total enterprise value of the acquirer (5% of the equity value, for financial companies). The acquirers' shares underperformed the market and those of rival firms in the same industry.

Paragraph 4: That share-price performance was understandable, in the light of what tended to happen to the fundamentals of the acquiring company's business. The study finds that, relative to the company's peer group, net profit margins fall, as do the returns on capital and on equity; earnings per share grow less quickly; and both debt and interest expenses increase. As the deal is done, however, the executives always sound bullish. Costs will be cut, the companies will benefit from selling a wide range of products and so on; a whole range of "synergies" will be achieved. Instead, the combined companies tend to suffer from clashes of culture and teething problems as systems prove hard to integrate. The AOL-Time Warner merger of 2000 is perhaps the most famous example of a dysfunctional deal; at the time, it was one of the biggest mergers in corporate history. Not every deal is that bad. But instead of two plus two equaling the promised five, all too often they add up to three-and-a-half.

2. What is the tone of the author in the passage?

- A. Sarcastic
- B. Witty
- C. Explanatory
- D. Positive

3. Make common cause with

- A. I need to figure out how to fit the piano and the bookshelf in this room.
- B. Environment protesters have parted ways with the local people to stop the establishment of the factory.

- C. The police were acting on a tip from an informer and caught the gang red-handed.
- D. The crowd backed away when the man pulled out a knife and most of them cried for help.
4. With a whole lot of games _____ in the coming months from the post-apocalyptic genre, everybody will be able to _____ the world after the unthinkable has happened.
- A. Retiring, exploit
B. Rejecting, report
C. Releasing, explore
D. Launching, visualize
5. At a _____ store recently launched by a Kochi-based startup at the city's Gold Souk Grande Mall, customers get a _____ experience of what cashier-less shopping feels like.
- A. Mechanical, true
B. Engineered, realistic
C. Automated, hands-free
D. Fully-automated, hands-on
6. Holding simultaneous elections to the Lok Sabha and State Assembly may have larger _____, but there is a _____ that it could disadvantage regional parties.
- A. Ramifications, complexion
B. Impact, synthesis
C. Benefits, perception
D. Beginning, problem
7. But the people of Telangana are going to _____ him by what he did in the last four years, and not by what he _____ to do in the next few weeks.
- A. Judge, intends
B. Reject, restricts
C. Reciprocate, proposes
D. Rectify, plans
8. The large-scale _____ of troops by the Syrian government and its allies around the province, has led to speculation about an _____ attack as well as calls to avoid a humanitarian catastrophe.
- A. Realization, eminent
B. Mutilation, excellent
C. Mobilization, imminent
D. Resources, extreme
9. It was very cold outside, and the fire we lit was dimming down; hence I decided to _____ it a bit.
- A. soak
B. strike
C. stoke
D. increase
10. If we don't offer a good price for the house now, we'll probably miss the boat.
- A. Acted quickly
B. Acted late
C. Unpleasant situation
D. Historical theme
11. Hebe given warm welcome if he wins the tournament.
- A. Will
B. Shall
C. Should
D. Would
12. Choose the mis-spelt word?
- A. Anxiety
B. Allergy
C. Accommodation
D. Ankle
13. Choose the mis-spelt word?
- A. Vaccinate
B. Vacillate
C. Vacuum
D. Varnish

14. Choose the correct Synonym

Breach

- A. Restrict
- B. Rift
- C. Break
- D. Uncertain

15. Choose correct Tense Conversion

He (write) to me every month.

- A. is writing
- B. writes
- C. has been writing
- D. has been writing

16. Choose Correct Active/Passive Voice Conversion

Please help me.

- A. I am helped.
- B. You are advised to help me.
- C. I was helped.
- D. You are requested to help me.

Directions: Study the information carefully and answer the questions given below.

Six people Jeevan, Kumar, Lalit, Manoj, Naveen, and, Omkar like different games i.e., Pubg, Fortnite, temple run, Super Mario, cricket, and Car Race. They all have different brands of mobiles i.e. Lava, Infinix, Vivo, Oppo, Nokia, and Motorola. All information is not necessarily in the same order.

Kumar has Oppo's mobile. Manoj likes Fortnite. Lalit does not like temple run and Super Mario. Naveen does not have Motorola and lava. Jeevan likes the Car Race and has Nokia. Omkar does not like Temple Run and PUBG. Manoj does not have Lava and VIVO. The one who likes Temple Run does not have Vivo. Naveen does not like temple run, Pubg, and Super Mario. The one who has Oppo does not like Super Mario. The one who likes Super Mario has Vivo.

17. Who among the following person like Fortnite?

- A. Kumar
- B. Lalit
- C. Naveen
- D. Manoj

Direction (1-3): Study the following information carefully and answer the questions given below.

A family consists of seven members and two married couples. M is the mother of T, who is the father of O. T is the spouse of L. N is the niece of V, who is the sister-in-law of M, who doesn't have siblings. X is a male member of the family.

18. How is O related to X?

- A. Grandson
- B. Granddaughter
- C. Daughter
- D. Either (a) or (b)

19. Who among the following person is the sibling of T?

- A. A.X
- B. B.M
- C. C.L
- D. D.N

20. If V is married to Y, then how is Y related to T?

- A. Aunt
- B. Uncle
- C. Mother
- D. None of the above

21. What angle will be traced by the hands of a clock at 7:35?

- A. $7\frac{1}{2}^\circ$
- B. $17\frac{1}{2}^\circ$

C. 27

 $\frac{1^\circ}{2}$

2

D. 37

Direction: Study the following information carefully and answer the questions given below.

Six persons-I, J, K, L, M and N are going to tour on two different dates either 11th or 26th in three different months viz. July, August and September of the same year. Each of them is using different mobile networks viz. Jio, Airtel, Aircel, BSNL, Docomo and Vodafone. All the information is not necessarily in the same order.

N goes on an odd-numbered date. Only two persons go between the one who uses Vodafone and N. K and J go in the same date but none of them goes in September. The one who uses Aircel goes immediately before J but not in August. As many persons go after M is same as before the one who uses Docomo. M does not go in July. Only one person goes between the one who uses Jio and BSNL. I goes immediately after the one who uses BSNL. Neither M nor L uses Jio.

22. Four of the following five are alike in a certain way as per the given arrangement and hence form a group. Find the one who doesn't belong to that group.

- A. The one who uses Docomo
- B. The one who uses Jio
- C. The one who uses Airtel
- D. The one who uses BSNL

23. Who among the following person uses Airtel network?

- A. L
- B. The one who goes immediately before N
- C. I
- D. The one who goes on 26th August

Directions: In each question below are given some statements followed by some

conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows/follow from the given statements, disregarding commonly known facts.

24. Statements:

No apple is a plum.

All plums are oranges.

All oranges are mangoes.

Conclusions:

I. All plums are mangoes.

II. At least some mangoes are oranges.

- A. Neither I nor II follows
- B. Only I follows
- C. Either I or II follows
- D. Both I and II follow

25. Statements:

All animals are mammals.

No mammal is reptile.

All reptiles are amphibians.

Conclusions:

I. All animals are amphibians.

II. Some amphibians are mammals.

- A. Neither I nor II follows
- B. Only I follows
- C. Either I or II follows
- D. Both I and II follow

Direction (1-5): Study the following information carefully to answer the given questions.

Number arrangement machine when given an input line of numbers rearranges them by following a particular rule in each step. The following is an illustration of input and rearrangement.

Input: 92 babu India 50 danger 12 grass figure 75 18

Step I: babu India 50 danger 12 grass figure 75 18 92

Step II: danger babu India 50 12 grass figure
18 75 92

Step III: figure danger babu India 12 grass 18
50 75 92

Step IV: grass figure danger babu India 12 18
50 75 92

Step V: India grass figure danger babu 12 18
50 75 92

Step V is the last step.

Input: 84 Arun jockey 65 earth 20 horse
gentle 80 22

26. How many words or numbers are there between the one which is second from the left end and '22' in step IV?

- A. One
- B. More than three
- C. Three
- D. None

27. Each consonant of the word 'TERMINATION' is changed to the previous letter in the English alphabetical series and each vowel is changed to the next letter in the English alphabetical series. If the new alphabets thus formed are arranged in alphabetical order (from left to right), which of the following will be the sixth letter from the right end?

- A. M
- B. S
- C. P
- D. None of these

28. Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/numbers of consonants/vowels in the word)

Race: Track

- A. Athletics: Stadium
- B. Cart: Wheel
- C. Wrestling: Court
- D. Exercise: Course

Directions : What value should come in the place of (?) in the following number series?

29. 19, 38, 67, 106, 155, ?

- A. 208
- B. 210
- C. 214
- D. 220

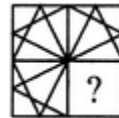
30. 35, 46, 59, 76, 99, ?

- A. 130
- B. 136
- C. 142
- D. 145

31. In covering a distance of 30 km, Abhay takes 2 hours more than Sameer. If Abhay doubles his speed, then he would take 1 hour less than Sameer. Abhay's speed is:

- A. 5 kmph
- B. 6 kmph
- C. 6.25 kmph
- D. 7.5 kmph

32. Identify the figure that completes the pattern. Find the missing figure.



(X)



(1)



(2)



(3)



(4)

- A. 1
- B. 2
- C. 3
- D. 4

33. How many meaningful English words can be formed with the letters A, D, E and R using all the letters, and each letter only once in each word?

- A. None
- B. One
- C. Two
- D. Three

34. Three persons A, B and C gave these statements:
A said, either Freedom Party or Green Party won the elections.
B said, Freedom Party won.
C said, neither Freedom Party nor Green Party won the elections.
Of these persons, only one person is wrong.
Who won the elections?
A. Freedom Party
B. Green Party
C. Data Inadequate
D. None of these

35. The police rounded up Tolu, Molu and Golu yesterday because one of them was suspected of robbing the local bank. The 3 suspects gave following statements after intensive questioning:
Tolu: I'm innocent.
Molu: I'm innocent.
Golu: Molu is the guilty one.
Who robbed the bank among the three persons, if only one of the statements will be true?
A. Molu
B. Tolu
C. Golu
D. None of these

36. If the following five words are arranged in alphabetical order, then which word will come in the middle?
A. Electric
B. Elector
C. Electrode
D. Elect

Directions (1-2): In each question below a statement is followed by two assumptions numbered I and II. An assumption is something supposed or taken for granted. You have to consider the statement and the following assumptions and then decide which of the assumptions is implicit in the statement.

Give answers:

- (a) if only assumption I is implicit.
- (b) if only assumption II is implicit.
- (c) if either assumption I or II is implicit.
- (d) if both assumption I and II are implicit.

37. Statement: The catastrophic impact of monsoon rainfall on several districts of Kerala has come as a grim reminder that the vigil against unpredictable natural disasters must never be relaxed. More than three dozen people have died and an estimated ₹8,316 crore worth of economic assets have been lost in the seasonal rain, particularly over the past week.

Assumptions:

- I) Crucial support has come from the armed forces as well to normalise the situation.
- II) All States naturally look to Kerala, with its record of social development, for evolving best practices to handle such natural disasters.

38. Statement: India a popular hub of medical tourism, attracting a large number of foreign patients every year.

Assumptions:

- I) Medical treatment in India include reduced costs, the availability of latest medical technologies, and a growing compliance on international quality standards, Doctors trained in western countries including US and UK, as well as English speaking personnel, due to which foreigners are less likely to face language barrier in India.
- II) India was "one of the lowest cost and highest quality of all medical tourism destinations, it offers wide variety of procedures at about one-tenth the cost of similar procedures in the United States

Directions: Study the following information carefully and answer the questions given below. Following are the criteria required to be fulfilled to gain admission into any engineering college in Tamil Nadu. i) The

candidate should have secured at least 60% marks in HSC or 50% marks in CBSE. ii) a) The candidate should have pass in HSC with academic subjects namely Mathematics, Physics and Chemistry put together with a minimum average percent are only eligible to apply. (or) b) A pass in any one of the HSC vocational subjects with any one of the Engineering related subjects namely Mathematics, Physics or Chemistry with a minimum average percent are also eligible to apply. iii) The candidate should be a resident of Tamil Nadu i.e., the candidate who have passed XI and XII std. in Tamil Nadu. iv) The candidate should have secured at least 60% marks in the entrance exam. A) At i) above, but the candidate has good sports record, the candidate is admitted under sports quota. B) At iii) above, but their parents or guardians have been serving in Tamil Nadu continuously for the past five years at the time of admissions. They are also eligible to apply and the candidates are admitted under other state quota. In each question below details of one candidate is given. You have to take one of the following course of action based on the information provided and the conditions and sub- conditions given above and mark the number of that course of action as your answer. You are not to assume anything other than the information provided in each question. All these cases are given to you as on 01.10.2017.

Give answer (a) If admission can be granted
 Give answer (b) If admission cannot be granted
 Give Answer (c) If the data are inadequate to take a decision. Give Answer (d) If the candidate is admitted under sports quota Give Answer (e) If the candidate is admitted under other state quota

39. Chanakya was born and brought up in Andhra Pradesh. He Secured 60% marks in CBSE with academic subjects. He secured 50% marks in entrance exam.

A. a

- B. b
- C. c
- D. d

40. Statements: Farmers of State D, who traditionally cultivate crop M, bore considerable losses owing to deficiency of nutrient Z in the soil which is vital for adequate growth of crop M. However, this year the farmers registered a 40% growth in production.

- I. The farmers of State D have started producing crop Y only (which does not require nutrient Z for growth) since the past two years.
- II. Since the past two years the farmers of State D have been adding a fertilizer to the soil which contains nutrient Z.
- III. The nutrition this year was 200 more than the previous year in state D.

- A. Either I or III
- B. Only I
- C. All I, II and III
- D. Only III

41. Statement: Should one close relative of a retiring government employee be given a job in government in India?

Arguments:

- I. Yes where else will the relatives get a job like this?
- II. No, it will close doors of government service to competent and needy youth.

- A. Only I is strong
- B. Only II is strong
- C. Either I or II is strong
- D. Neither I nor II is strong

Direction (1-10): Find out the missing number in the following number series.

42. 483, 500, 581, 711, 877, ?

- A. 952
- B. 1124
- C. 996
- D. 1068

43. 18, 21, 48, 153, 624, ?

- A. 2820
- B. 2675
- C. 3135
- D. 3350

44. A can do a piece of work in 25 days, B can do it in 20 days. They started the work together but A left 5 days before the completion of the work. The work has finished in?

- A. $13 \frac{1}{3}$ days
- B. $15 \frac{3}{7}$ days
- C. $11 \frac{4}{9}$ days
- D. $9 \frac{3}{8}$ days

45. Ratio of the number of male employees to the total number of employees in a company is 5:8. If 200 female employees joined the company, then now the number of male employees in the company is 25% more than that of female employees, then find the number of female employees in the company finally?

- A. 800
- B. 500
- C. 1400
- D. None of these

46. Total number of students in class B is 25% less than that of class A and the ratio of the number of boys in class A and B is 5:4 respectively. If the number of girls in class A and B is 60 and 40 respectively, then find the total number of students in class A?

- A. 180
- B. 140
- C. 120
- D. 160

47. Ratio of the income of A and B is 6:5 and the ratio of the savings of A and B is 3:1. If the expenditure of A and B is Rs.12000 and Rs.16000 respectively, then find the difference between the income of A and B?

- A. Rs.3000
- B. Rs.5000
- C. Rs.6000
- D. Rs.4000

48. 360 sweet boxes are distributed among A, B and C. If the ratio of the number of sweet boxes distributed to A and C is 12:11 and the number of sweet boxes distributed to B is 8.33% more than that of A, then find the difference between the number of sweet boxes distributed between B and C?

- A. 20
- B. 50
- C. 80
- D. 70

49. Average weight of five persons is 51 kg and each of them in different weights. If the average weight of heaviest and lightest persons is 52 kg and the average weight of second heaviest and fourth heaviest persons is 48 kg, then find the weight of the third lightest person?

- A. 63 kg
- B. 48 kg
- C. 32 kg
- D. 55 kg

50. A's income is 120% of B's income and C's income is 80% of A's income. If the average income of A, B and C is Rs.3950, what is C's income?

- A. Rs.3200
- B. Rs.3400
- C. Rs.3600
- D. None of these

Directions : Based on the given passage, answer the questions that follow.

A invested Rs. 50000 in a company in the beginning of the year. After few months, B invested Rs. 40000 in the same company. At the end of the year, A received Rs. 12000 as his share of profit for the year. In the next year, A and B again invested the same

amount as they did in the previous year for the whole year. After 3 months, C invested Rs. 60000 and received Rs. 4500 as his share of profit at the end of second year.

51. In the third year, if A, B and C invested the same amount as before in the second of the year, what is C's share in a profit of Rs. 60000?

- A. Rs. 12000
- B. Rs. 18000
- C. Rs. 24000
- D. Rs. 32000

52. 175 m long train crosses another train of length 100 m in 15 sec, running in same direction. If the speed of the first train is 90 km/hr, then find the speed of the second train (in km/hr)?

- A. 35 km/hr
- B. 42 km/hr
- C. 24 km/hr
- D. 30 km/hr

Directions: Study the following information carefully and answer the questions given below. The given table shows the number of persons who visited four different places on weekend and weekdays.

Places	Weekend	Weekdays
Nigiri Mountain	9600	4400
Vivekananda Rock	10800	6400
Madurai Meenakshi Amman temple	7200	4800
Marina Beach	11600	5200

53. What is the average number of persons who visited all four places together on the Weekend?

- A. 10400
- B. 9800
- C. 10800
- D. 8800

54. Total number of persons who visited Dhanush Kodi Beach on the Weekend is the difference between the number of persons who visited Nigiri mountain on Weekend and

weekdays. The number of persons who visited Court Allam on Weekdays is the difference between the number of persons who visited Marina beach in weekdays and Weekend. The number of persons who visited Dhanush Kodi beach on weekends is what percent more or less than the number of persons who visited court Allam on weekdays?

- A. 18.75% less
- B. 22.25% less
- C. 16.25% less
- D. 12.75% less

55. The area of triangle is half the area of a square. The perimeter of the square is 224 cms. What is the area of the triangle?

- A. 1568 cm²
- B. 1856 cm²
- C. 1558 cm²
- D. 1658 cm²

Directions : What value should come in place of (?) in the following number series?

56. 28, 29, 60, 183, 736, ?

- A. 2890
- B. 3685
- C. 3145
- D. 2960

57. 19, 33, 62, 121, ?, 479

- A. 240
- B. 220
- C. 200
- D. 180

58. If $\{(2 \sin \theta - \cos \theta) / (\cos \theta + \sin \theta)\} = 1$, then the value of $\cot \theta$ is

- A. $1/2$
- B. $1/3$
- C. 3
- D. 2

Directions: Kindly study the following information carefully and answer the

question that follows:

59. Five students are to be arranged on five chairs for a photograph. Three of these are girls and the rest are boys.

Find out the total number of ways in which three girls are together.

- A. 36
- B. 84
- C. 100
- D. 120

60. A box contains 3 red, 4 yellow and $(x + 1)$ green balls. If two balls are taken out, then the probability that both the balls being green is $\frac{5}{33}$. Find the value of x ?

- A.3
- B.4
- C.2
- D.1

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