

# SNAP 2018 Question Paper

## NAP 2018 VA

1. The following sentence has been split into four segments. Identify the segment that contains an inappropriately used preposition.

The hiker stumbled upon a beautiful waterfall / at the end of the trail / and marvelled on its majestic beauty / for several minutes.

- A The hiker stumbled upon a beautiful waterfall
- B at the end of the trail
- C and marvelled on its majestic beauty
- D for several minutes

2. Select the grammatically incorrect sentences

- A) The thing the Time Traveller held in his hand was a glittering metallic framework, scarcely larger than a small clock, and very delicately made.
- B) There was ivory in it, and some transparent crystalline substance.
- C) And now I must be explicit, for this that follows — unless his explanation is to be accepted — an absolutely unaccountable thing.
- D) Taking one of the small octagonal tables that were scattered about the room, and setting it in front of the re, with two legs on the hearthrug.
- E) On this table he placed the mechanism.

- A AC
- B BD
- C BE
- D CD

3. Select the option that represents the given sentence in the passive voice:

The reforms could have affected a large number of marginal workers.

- A A large number of marginal workers were affected by the reforms.
- B A large number of marginal workers could have been affected by the reforms.
- C A large number of marginal workers could have affected the reforms.

D A large number of marginal workers can be affected by the reforms.

Instructions [4]

The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.

4. Pakistan has approached the United Nations after India \_\_\_ to revoke the Indus water treaty.

- A told
- B call
- C threatened
- D talked

Instructions [5]

Choose the option that would fit both the given blanks.

5. The jury failed to grasp the full \_\_\_ of her testimony.

You have to pay duties on goods that you \_\_\_ into the country.

- A extent
- B meaning
- C import
- D bring

6. Identify the figure of speech in the below-given sentence. I am feeling awfully good today.

- A Oxymoron
- B Synecdoche
- C Anti-Climax
- D Euphemism

7. Select the antonym of Diligence

- A Timorousness
- B Meekness
- C Timidity
- D Con dence

8. Select the option which best captures the meaning of the compound word given below: Thoroughfare

- A A festivity or exhibition
- B A valuable deal
- C A main road
- D A ght

9. Identify the correct phrasal verb from the list given below in the given sentence:

The team continued to slack off on their responsibilities, causing the manager to \_\_\_\_ on them.

- A cut into
- B look up
- C go off
- D pick out

10. Select the word with the correct spelling.

- A idiosyncrasy
- B posession
- C wierd
- D jist

11. Identify the origin/source of the given word below: Check

- A German
- B Persian
- C Italian
- D Polish

12. Which of the following statements are grammatically correct?

- A) Looking around the class, only a few hands were raised in response
- B) I was under the impression that the firm was being managed by the engineer from China
- C) Being the first born, she has always had a lot of responsibility on her shoulders

- A A only
- B C only
- C A and B only
- D B and C only

13. Choose the sentence in which the word 'fall' is incorrectly used. FALL

- A The team fell apart as soon as differences started cropping up
- B The boy stumbled on the brick and fell down on the road
- C After the disastrous event, Sam had a big fall out with his family
- D His hair started falling off as soon as he turned fifty

14. The MBA (1) is hardly a prerequisite for success, but it (2) certainly helps (3), and it has been getting more important (4) in recent years. Most (5) MBA programs equip their graduates to understand how (6) to deal with many of the important questions that their organizations will need to tackle (7) over time, and (8) that they will face in their careers. The above italicized numbered words will be correctly represented by the following parts of speech:

- A 1-Noun, 2-Pronoun, 3-Adverb, 4-Adjective, 5-Adjective, 8-Conjunction
- B 1-Noun, 3-Adjective, 4-Adjective, 6-Adverb, 7-Adverb, 8-Article
- C 1-Noun, 2-Pronoun, 4-Adjective, 7-Adverb, 8-Conjunction

D 2-Pronoun, 3-Verb, 4-Adjective, 7-Verb, 8-Conjunction

15. Four sentences are given below. These sentences, when rearranged in proper order, form a logical and meaningful paragraph. Rearrange the sentences and choose the correct order as the answer.

- A. One of the most prominent and romantic characters in the history of the Oriental world is Cyrus the Great.
- B. The territory over which Cyrus bore rule extended nearly three thousand miles from east to west, and fifteen hundred miles from north to south.
- C. He was the founder and organizer of the greatest empire the world has seen.
- D. Even with such a big empire, it is a matter of regret that so little is really known of the Persian hero, both in the matter of events and also of exact dates.

A ACBD

B CABD

C ABDC

D CBAD

### SNAP 2018 Analytical & LR

Instructions [16]

Each of the following questions has a series of numbers which follow a definite pattern except for one number. Identify the incorrect term of the series.

16. 4, 18, 48, 100, 180, 295

- A 18
- B 295
- C 180
- D 48

Instructions [17]

What should come in place of question mark(?) in the following number series.

17.5, 8, 10, 16, 20, 32, ?

- A 38
- B 36
- C 44
- D 40

18. In each of the following question select the related numbers/words/letters from the given options.  $78 : 225 :: 89 : ?$

- A 305
- B 289
- C 324
- D 296

Instructions  
[19]

Directions for the following questions: In each question below are given two or three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then, decide which of the given conclusions logically follow(s) from the given statements, disregarding commonly known facts.

19. Statements:

- 1) Some letters are pins.
- 2) Some keys are eyes.
- 3) All letters are

keys. Conclusions:

- 1) Some pins are not letters.
- 2) All pins are letters.

- A Only 1 follows
- B Only 2 follows
- C Either 1 or 2 follows
- D Both 1 and 2 follows

Instructions [20]

Below are given three statements. Assume these statements are true irrespective of whether they are true in real life. Each question has two conclusions.

Statements:

Some pins are boards.

Some boards are white.

No pin is a box.

20. Conclusion I: Some boxes are not boards  
Conclusion II: No pins are white

- A If only conclusion I follows
- B If only conclusion II follows
- C If either conclusion I or II follows
- D If neither conclusion I or II follows

21. Select the odd word/letters/number/number pair from the given alternatives.

- A 1
- B 243
- C 256
- D 32

Instructions [22 - 24 ]

An organization decides to distribute seven types of laptops on week days starting from Monday to Sunday. The seven laptops to be distributed are of Sony, Acer, Asus, Dell, HP, Lenovo and HCL but not necessarily in the same order. Dell laptops are to be given on Saturday. Lenovo laptops are given just after Asus laptops and Asus laptops are not given on Wednesday. HP laptops are given three days after the distribution of Asus laptops.

Acer laptops are distributed just after Sony laptop. HCL laptops are distributed before Acer laptops. HP laptops are distributed after Dell laptops.

22. If HCL is related with Tuesday, Sony is related with Wednesday, similarly Lenovo is related with which

day?

- A Thursday
- B Friday
- C Saturday
- D Sunday

23. On which day of the week Lenovo laptops are distributed?

- A Tuesday
- B Wednesday
- C Friday
- D Sunday

24. Which laptops are distributed just between the days when Lenovo and HP are distributed?

- A Asus
- B Dell
- C Sony
- D HCL

25. If 'DANGER' is written as 'RDEAGN' in a certain code, then how would 'PARALLEL' be written in that code?

- A LAPAELLR
- B LPALEALR
- C LPEALRLA
- D LPLEARAL

26. Rohit is the son of Rajesh's father's brother's. How is Rohit related to Rajesh?

- A Cousin
- B Son-in-law
- C Nephew
- D Grandfather

27. Pointing to a photograph, Mukesh said, 'This man's father is the father in law of my sister's husband's mother in law. How is the man in the photograph related to Mukesh?

- A Father
- B Grandfather
- C Brother
- D Uncle

28. At what time, between 4 and 5 o'clock, will the minute and hour hands be together?

- A 24 and  $\frac{5}{7}$  minutes past 4 o'clock.
- B 26 and  $\frac{9}{11}$  minutes past 4 o'clock.
- C 21 and  $\frac{9}{11}$  minutes past 4 o'clock.
- D 20 and  $\frac{7}{9}$  minutes past 4 o'clock.

29. If 1st July, 1977 was a Friday then 1st July 1970 was a

- A Wednesday
- B Thursday
- C Sunday
- D Tuesday

30. A watch gains 7 seconds in 4 minutes and is correctly set at 10:00 AM. What time will it show at 11:00 PM on the same day?

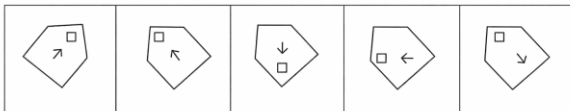
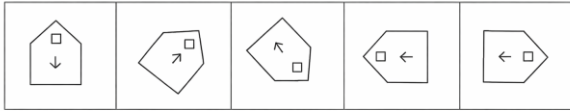
- A 11:21:05 PM
- B 11:22:45 PM
- C 11:21:25 PM

D 11:21:55 PM

Instructions [31]

In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued.

31.



(1) (2) (3) (4) (5)

A (1)

B (2)

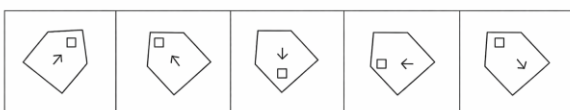
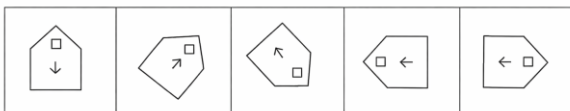
C (3)

D (4)

Instructions [32]

In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued.

32.



(1) (2) (3) (4) (5)

A (1)

B (2)

C (3)

D (4)

33. If \$ is an operator such that  $2 \$ 5 = 32$ , what is the value of  $4 \$ 3$ ?

A 0

B 1

C 2

D 3

Instructions [34]

Directions for the following five questions: Study the following information carefully and answer the given questions:

In a certain code language

'Make your trip interesting' is written as 'de la pa ni' 'your trip be customized' is written as 'ha ni ta de' 'customized trip always good' is written as 'ta fa ka ni' And 'good make me happy' is written as 'ka ro pa na'

34. Which of the following represents 'good trip always interesting'?

A de ka ni la

B fa ni ka ro

C na fa de ha

D ni fa la ka

Instructions [35]

A statement is given followed by two assumptions numbered I and II. Consider the statement to be true even if it is at variance with commonly known facts. You have to decide which of the assumptions, if any, follow from the given statement.

35. Statement: After the Reserve Bank of India's adoption of a flexible inflation-targeting framework from August 2016, the rules of monetary policy have changed in India, with the central bank becoming even more focused on anchoring inflation and inflation expectations than ever before.

Assumptions:

I. There was a perceived need or rationale for the RBI to shift its monetary policy framework in 2016, suggesting that the previous rules may have been inadequate.

II. Monetary policy can be adjusted and adapted to changing economic conditions and goals, such as inflation targeting.

- A Only I
- B Only II
- C Both I and II
- D Either I or II

36. Effect: At least twenty school children were seriously injured while going for a school picnic during the weekend.

Which of the following can be a probable cause of the above effect?

- A The teacher accompanying the school children fell ill during the journey.
- B The bus in which the children were travelling met with an accident while taking turn on the main highway.
- C The driver of the bus in which the children were travelling did not report after the break at the halting place on their journey.
- D The school authority banned all school picnics for the next six months with immediate effect

### Instructions [37]

In the given questions below, few statements are given and are followed by two courses of action numbered I and II. On the basis of the information given, you have to assume everything in the statement to be true, and then decide which of the suggested courses of action logically follow(s) for pursuing.

37. Statement : A large number of people from city X are admitted in hospitals and are diagnosed to be suffering from malaria.

Courses of action :

- I. The municipal authority of the city X should take immediate steps to carry out extensive fumigation.
- II. City X should be vacated immediately.

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

### Instructions [38]

In the question below, a statement is given followed by two arguments. Choose the most appropriate option.

38. Statement: Companies serious about more harmonious relationships with the contractual workforce should offer them a pathway to up-skill and be employed as permanent workers over time.

Argument:

- I) Building a good relationship with the contractual workforce will help both the companies and the employees to progress.
- II) The policy of offering contractual workers permanent status is likely to face opposition from existing permanent staff.

- A I weakens the statement, whereas II strengthens it.
- B Both I and II weaken the statement.
- C I strengthens the statement, whereas II weakens it.
- D Both I and II strengthen the statement.

39. In the following question, two statements numbered I and II are given. There may be cause and effect relationship between the two statements. These two statements may be the effect of the same cause or independent causes. These statements may be independent causes without having any relationship.

- I. The country has seen no major breakthrough in medical research in the past few years.
- II. The government, two years back, had banned patents and royalties on medicines.

- A Statement I is the cause and Statement II is its effect.
- B Statement II is the cause and Statement I is its effect.
- C Both the statements I and II are independent causes
- D Both the statements I and II are effects of independent causes.

Instructions [40]

The question given below consists of some statements. You need to decide which of the statements is/are the cause of the situation or effect of the situation and accordingly choose your answer from the alternative given below each question.

40. Statements :

- I. A new covid variant named 'Omicron' is spreading rapidly in the country. Lots of new cases are being reported in a short period of time.
- II. The central government is in a dilemma on whether to proceed with a lockdown or not.

- A Statement I and Statement II are effects of some common cause
- B Statement I is the cause and Statement II is its effect
- C Statement I and Statement II are independent causes
- D Statement II is the cause and Statement I is its effect

SNAP 2018 QA & DI

41. If  $N = a \cdot b$  where  $a, b$  are prime numbers, then what are the number of factors of  $N^3/b^2$

- A 4
- B 6
- C 8
- D 9

42.  $X$  is a single digit number such that the LCM of the two digit number  $X6$  and  $54$  is  $108$ . What is the value of  $X$ ?

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

43. If one of the roots of  $ax^2 + bx + c = 0$  is half of the other root, then which of the following conditions must be true?

- A  $b^2 - a^2 = 9ac$
- B  $4b^2 = 9ac$
- C  $b^2 = 18ac$
- D  $2b^2 = 9ac$

44. In a two-digit number, the difference between the digits is  $4$ , and  $10$  times the number is equal to  $14$  times the sum of the number obtained by adding the digits of the original and the number formed by reversing the digits. Find the number.

- A 84
- B 26
- C 62
- D 51

45. A large cube of volume 64 cubic metre is broken down into small cubes of volume 8 cubic metre each. The percentage increase in the surface area is

A 50%

B 100%

C 200%

D 75%

46. A, B and C are employed to do a piece of work for Rs.700. A and B are supposed to finish  $\frac{17}{28}$ th of work together. Then, Amount that is paid to C is?

A Rs.250

B Rs.275

C Rs.150

D Rs.200

47. A tank is fitted with 3 pipes A, B and C. A takes twice as much time to fill the tank as B takes to empty the tank. B takes twice as much time to empty the tank as C takes to fill the tank. If it is known that C takes 10 hours to fill the tank, in how much time three quarters of the tank will be filled provided that all the taps were opened simultaneously?

A 7.5 hours

B 10 hours

C 5 hours

D 15 hours

48. Sam and Ram run a 100 m race. Sam beats Ram by 20 m. Sam gives Ram a head start such that both Ram and Sam will be meeting each other at the 75 m mark. What will be the result of the race?

- A Ram loses by 5m.
- B Ram loses by 10 m.
- C Ram loses by 15 m.
- D The race ends in a dead heat.

49.If  $\operatorname{cosec}(30^\circ) + \cot(60^\circ) = y$ . What is the value of  $y$ ?

- A  $2\frac{3}{3}^{+1}$
- B  $\frac{3}{3}^{+1}$
- C  $3\frac{2}{2}^{+1}$
- D  $2\frac{2}{2}^{+1}$

50.If  $a^2 = b^3 = c^4, b^2 = d^5$ , then find the value of  $\log_a b \times \log_c d$ .

- A  $\frac{8}{45}$
- B  $\frac{4}{15}$
- C  $\frac{8}{15}$
- D  $\frac{16}{45}$

51.Krishna's piggy bank contains coins in the denominations of Rs. 1, Rs. 2, Rs. 5 in the ratio of 3: 4: 5 respectively. If the total value of all the coins combined is Rs.1296, what is the number of Rs. 2 coins in the piggy bank?

- A 108
- B 432
- C 216
- D 144

52.A person travels one fourth of his distance with 20 km/hr, half of the distance with 40 km/hr and the rest of the distance with 10 km/hr.What is his average speed throughout the journey ?

- A 20 km/hr
- B 25 km/hr

C 30 km/hr

D 40 km/hr

53. An arithmetic progression is such that the 12th term is 42. What should the common difference be, such that the product of the first, second and 33rd terms is maximum?

A  $\frac{3}{2}$

B 2

C 0

D -2

54. In a carom tournament in school all the kids played against each other exactly once. The number of games involving a girl and a boy is 150 and the number of games involving two girls is 60 less than the number of games involving two boys, find the total strength of the school?

A 23

B 24

C 25

D 35

55. A bag contains 4 red balls, 5 green balls and 6 yellow balls. Two balls are drawn at random from this bag. What is the probability that exactly one of the balls is yellow in colour?

A  $\frac{21}{54}$

B  $\frac{18}{35}$

C  $\frac{5}{9}$

D  $\frac{2}{5}$

56. A reduction of 20% in the price of rice enables a customer to purchase 4kg more for Rs.120. Then find original price of rice per kg

- A Rs.20
- B Rs.7.50
- C Rs.8.25
- D Rs.12

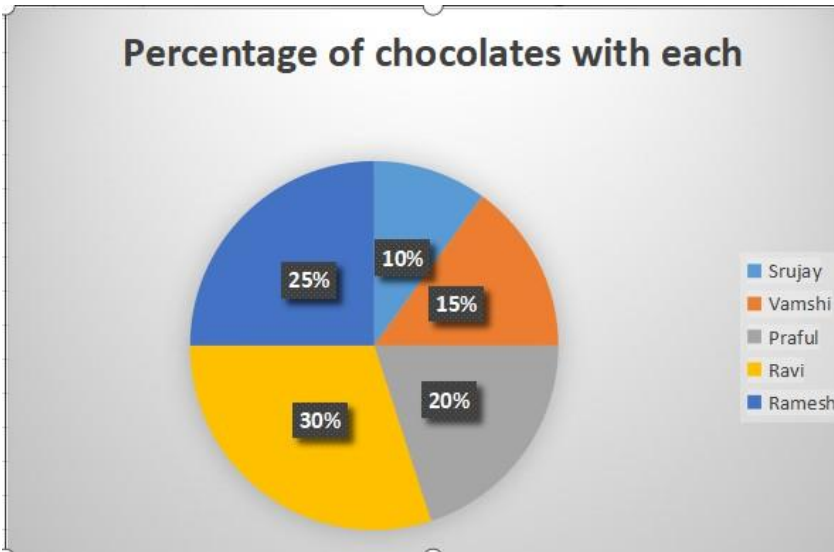
57. The time required for a sum of money to become 31 times of itself at 15% Simple Interest per annum is?

- A 150 years
- B 200 years
- C 205 years
- D 175 years

58. A trader mixes 20 kg of rice at Rs.15 per kg with 25 kg of rice at Rs.20 per kg and sells the mixture at Rs.24 per kg. Then find his profit/loss percent.

- A 33.33% profit
- B 35% loss
- C 25% loss
- D 35% profit

Instructions [59 - 60 ]



Answer the following using Pie chart and the total chocolates are 350.

59. What is the difference between the person receiving highest and lowest number of chocolates ?

- A 105
- B 80
- C 90
- D 70

60. What is the average number of chocolates received by Ravi, Praful and Srujay ?

- A 80
- B 70
- C 50
- D 60

Answers

SNAP 2018 VA

1.C	2.D	3.B	4.C	5.C	6.A	7.D	8.C
9.C	10.A	11.B	12.D	13.D	14.D	15.A	

SNAP 2018 Analytical & LR

16.B	17.D	18.B	19.C	20.D	21.C	22.C	23.C
24.B	25.C	26.A	27.A	28.C	29.A	30.B	31.B
32.B	33.C	34.D	35.C	36.B	37.A	38.C	39.B
40.B							

SNAP 2018 QA & DI

41.C	42.A	43.D	44.A	45.B	46.B	47.B	48.A
49.A	50.D	51.D	52.A	53.C	54.C	55.B	56.B
57.B							

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Profit = 1080 - 800 = Rs.280

Profit percentage =  $\frac{280}{800} \times 100 = 35$

59. D

Number of chocolates with Ravi =  $(30/100) \times 350 = 105$

Number of chocolates with Srujay =  $(10/100) \times 350 = 35$

Difference between them =  $105 - 35 = 70$  chocolates

60. B

Number of chocolates with Ravi =  $(30/100) \times 350 = 105$

Number of chocolates with Srujay =  $(10/100) \times 350 = 35$

Number of chocolates with Praful =  $(20/100) \times 350 = 70$

Average of chocolates received by these three =  $(105 + 35 + 70) / 3 = 70$

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