

SEBI Grade A 2018 Phase 1 – General Awareness



1. Which country has topped the Human Development Index 2018?
Ans: Singapore
2. Which state has topped in the Ease of Living Index rankings under AMRUT scheme?
Ans: Andhra Pradesh
3. With which country did India hold JIMEX?
Ans: Japan
4. Where was India and Russia's bilateral summit held?
Ans: New Delhi
5. With which country has Delhi government signed a twin city agreement for cooperation in the field of education, health, sports, tourism, transport and environment for a period of 3 years?
Ans: Russia
6. Which Indian airport has won the Earth's champion award?
Ans: Cochin
7. Which country's president is Moon Jae-in?
Ans: South Korea
8. What is the capital of Tajikistan?
Ans: Dushanbe
9. Where is Kanha Tiger Reserve located?
Ans: Madhya Pradesh
10. Where is the DY Patil Stadium located?
Ans: Mumbai
11. What is the capital of Meghalaya?
Ans: Shillong
12. Who has won the Nobel Prize for Economics 2018?
Ans: William D. Nordhaus and Paul M. Romer
13. Who has won the women's title in the ISBF World U-16 Snooker Championship?
Ans: Keerthana Pandian (India)
14. What is the literacy rate of India according to the SECC census 2011?
Ans: 74.04%
15. Which state has won the National Tourism Awards for the best state for comprehensive development of tourism?
Ans: Andhra Pradesh
16. On which river's bank is Nasik city located?
Ans: Godavari
17. 1 question on Jaipur Literature Festival?
18. Which movie is chosen in the category of foreign language for Academy Awards 2019?
Ans: Village Rockstar (Assamese)
19. Which company own PhonePe?
Ans: Flipkart
20. Which app has recorded 137 million UPI transactions in September 2018?
Ans: Paytm
21. India Jâtrâ (commonly known as Yenyâ) is the biggest religious street festival of which country?
Ans: Nepal
22. Where has the AIBA Women's World Championship been organized?
Ans: New Delhi
23. India for Humanity initiative has been launched for which people?
Ans: Physically disabled

24. Where is the Global Skill Centre located?
Ans: Bhopal, MP
25. Which ministry conducts the Swachh Gramin Survey?
Ans: Ministry of Drinking Water and Sanitation
26. What is the theme of International Girl Child Day 2018?
Ans: With Her: A Skilled Girl Force
27. When is World Pneumonia Day observed?
Ans: November 12
28. Which Indian has topped the Forbes Rich List 2018?
Ans: Mukesh Ambani
29. With which sport is Jeremy Lalrinnunga related?
Ans: Weightlifting
30. 1 question on Justice BN Krishna Committee
31. Which committee has been formed to analyze the digital trends in the Indian economy?
32. Which country organized the Gandhi March to commemorate 150th birth anniversary of Mahatma Gandhi?
Ans: Netherlands
33. Where is Bhitarkarnika Tiger Reserve located?
Ans: Odisha
34. India for Humanity initiative has been launched for which people?
Ans: Physically disabled
35. Which country organized the Gandhi March to commemorate 150th birth anniversary of Mahatma Gandhi?
Ans: Netherlands
36. Which Indian has topped the Forbes Rich List 2018?
Ans: Mukesh Ambani
37. In which Indian state did Kim Jung Sook (1st lady of Korea) pay a visit?
Ans: UP (Ayodhya)

I.1-5) Read the following passage carefully and answer the given questions. Certain words are given in bold to help you locate them while answering some of the questions.

The main idea conveyed by the report is that our children do not get a chance to enjoy learning at school because the syllabi are irrationally organised, teaching is text-book and the system of examination **instils** fear and encourages mechanical repetition. Textbooks developed along the lines of reconceptualised syllabi can attempt to integrate positive values, life skills, aesthetic sensibility and concern for the environment. They are interactive and make a conscious effort to point both children and the teachers towards other sources of learning such as neighbourhood, nature etc.

In addition, two parallel challenges deserve attention. The first is examination reforms. Rigid indifference to individual differences is the major flaw of the present system. From the quality of questions to the manner of evaluation, it favours drilled preparedness and ignores independent-thought while the unrealistically high cut-offs in **coveted** colleges are a further sign of systematic efficiency. It is hardly surprising that the very thought of examinations makes the young impressed. Moreover, practices of splitting unified topics into arbitrary bits carrying small marks value encourage teachers to concentrate on scoring topics overlooking the importance of perspective and overall understanding. Little surprise that many elite high-fee schools are opting for International Baccalaureate not because it offers status with its global certification but for its flexibility and respect for individual differences in learning.

The second area is teacher training, which suffers from **obsolete** notions. Most teachers are trained mainly to cover the syllabus in a mechanical exam-oriented manner. By insisting that every child move at the same pace in all subjects, teachers encourage rote learning and ridicule for those who fall behind. Teacher training, whether for nursery or secondary school teachers, should be embedded in courses which have the capacity to develop both the teacher's personality and perspective on society by linking subject learning with reflective and creative project work. The ultimate responsibility lies with universities and institutes of high learning to ensure the quality of all teachers. Initiatives to improve the content of teacher training courses will ensure utilisation of **desolate** university campuses during summer vacations which conceal an enormous waste of infrastructure and expertise. The quality of education is a reflection of the quality of teachers and major improvement in their training and working conditions will motivate the young to pursuer a teaching career and determine how India fares in the pursuit of economic and social development in the years to come.

1. According to the author, what is the major weakness of the present examination system?
 - a) Teachers do not take into account the nature of questions asked in the examination.
 - b) Teachers are subjective in their assessment of papers.
 - c) Cut-off standards for admissions to good institutions need to be raised.
 - d) It distinguishes between a creative student and a rote learner.

- e) It does not consider unique learning patterns of students.

Ans: (e)

Explanation: It does not consider unique learning patterns of students.

2. Which of the following factors is responsible for children's dislike of learning?

- I. Rigid, local, systematic organisation of syllabus.
- II. Teaching methodology which does not focus on text books.
- III. Examination pattern which rewards rote learning.

- a) Only (I)
- b) Both (I) and (II)
- c) Only (C)
- d) All (I), (II) and (III)
- e) Other than those given as options.

Ans: (c)

3. Choose the word which is MOST nearly the SAME in meaning to the word **COVETED** given in bold as used in the passage.

- a) Desired
- b) Priceless
- c) Necessary
- d) Private
- e) valid

Ans: (a)

Explanation: Desired
Coveted (adjective): sought after

4. Choose the word which is MOST OPPOSITE in meaning to the word **DESOLATE** given in bold as used in the passage.

- a) Happy
- b) Occupied

- c) Dejected
- d) Repaired
- e) Cheerful

Ans: (b)

Explanation: Occupied
Desolate (adj.): empty and without people.

5. Why do teachers focus on 'scoring' topics?

- a) Pressure from colleges who want to maintain high cut-offs.
- b) Faulty examination pattern which divides topics into smaller sections.
- c) It is an objective of teacher training programmes.
- d) To reduce the nervousness of students during examination.
- e) Other than those given as options.

Ans: (b)

Explanation: Faulty examination pattern which divides topics into smaller sections.

1.6-10) Read the following passage carefully and answer the given questions. Certain words are given in bold to help you locate them while answering some of the questions.

On attending a conference, which focused on the role of the services sector in Indian economy I was amazed. The conference gave a very interesting **perspective** on the role of the service sector in the growth of Indian economy in relation to growth rates in agriculture and industry.

The current situation in India is that the growth rate of services has overtaken both agriculture and industry and is now contributing to more than 50% of GDP. The service sector has the highest growth rate and is the least **volatile** sector. Growth is

particularly marked in public services, IT and financial services.

In some areas, the growth rate of the service sector is 40-50% due to increased use of mobile technologies. India, therefore has, a service-oriented economy. It hasn't traditional growth models as in China. However, in the process of doing so it has skipped the manufacturing and has jumped straight from the agriculture stage to service stage, which is also the main reason for the expansion of the service sector. In fact, the situation now is such that the growth in the service sector can and will support in the agriculture and industrial sectors. However, the only setback for Indian economy is the lack of growth in the manufacturing sector which causes dependence on other countries, which is not so desirable in terms of job creation and increased prosperity.

Population is also a major concern of the Indian economy as the population of India grows so also does the number of dependents in the population in both the lower and higher age groups. In such a scenario of increasing Population, especially in an economy which still recovering from crisis, growth becomes difficult. For such an economy to grow it has to invest.

Currently, the public sector invests more than it saves. The household sector saves in surplus, but it is not increasing so it cannot continue to support private and public sectors. There is a **massive** need to spend on agriculture and infrastructure development of the country. Apart from that health and education should also be the priority of the government particularly the education of women in order to reduce the birth rate.

6. Choose the word which is most opposite in meaning to word given in bold as used in the passage.

Volatile

- a) Erratic
- b) Impatient
- c) Stable
- d) Solid
- e) Strained

Ans: (a)

Explanation: The most opposite meaning of volatile is 'erratic'.

7. According to the passage, which of the following is/are true about the impact of increasing population on Indian economy?

- 1) If India attempts to absorb all the labour force, it will impact the growth of service sector negatively and in turn hamper the economic growth of the country.
- 2) As the population of the country increases, the number of dependants in the country also increase which in turn increases the pressure on the economy.
- 3) An increasing population can never lead the economy of the country towards prosperity; in fact, it can only put strain on the economy of a county.

- a) Only 2
- b) Only 3
- c) 2 and 3
- d) 1 and 3
- e) All of these

Ans: (a)

Explanation: According to the passage, 'as the population of the country increases, the number of dependants in the country also

increase which in turn increases the pressure on the economy' is true about the impact of increasing population on Indian economy.

8. According to the passage, which of the following can be said about the agriculture and industry sectors in India?
- 1) Looking at the growth of the services sector in India it can be safely said that the service sector will soon be in a position to support both agriculture and industry sector.
 - 2) The agriculture and the industrial sector of the country have reached their threshold and there would be no use of further investment in these sectors.
 - 3) Currently, the agriculture and industry sectors contribute lesser as compared to service sector to the GDP of the country.

- a) Only 1
- b) Only 3
- c) 1 and 3
- d) 2 and 3
- e) All of these

Ans: (c)

Explanation: 'Looking at the growth of the service sector in India it can be safely said that the service sector will soon be in a position to support both agricultural and industry sector' and 'currently the agricultural and industry sector contribute lesser as compared to service sector to the GDP of the country', are said about the agriculture and industry sectors in India.

9. Choose the word which is most similar in meaning to the word given in bold as used in the passage.

Perspective

- a) Viewpoint
- b) Prospect
- c) Attitude
- d) Agreement
- e) Proportion

Ans: (a)

Explanation: The most similar in meaning to the word 'perspective' is 'viewpoint'

10. Which of the following is true as per the passage?
- a) India has not followed the conventional model of growth and has moved directly from the agriculture sector to the service sector.
 - b) The service sector of the country is yet to make a mark on the IT and financial sectors of the country
 - c) With availability of labour and growth in human skills, the service sector of Indian economy is booming limitlessly as there is no restriction on movement of labour
 - d) India has become self-reliant and does not have to depend on other countries because of the development in the manufacturing sector.
 - e) All of the above

Ans: (d)

Explanation: 'India has become self-reliant and does not have to depend on other countries because of the development in the manufacturing sector' is true statement as per passage.

I.11-15) In the following passage, some of the words have been left out. Read the passage carefully and fill in the blanks by selecting the most appropriate alternatives. The question number from which a word is to

be selected out of the four given as alternatives, is written in each blank space.

The latest surgical tools are certainly fashionable, especially lasers and laparoscopes. But their role in transforming surgery is (11), as is the excitement they generate. Dr. Sanjay C from Delhi specialises in remodelling the (12) with what is called an excimer laser. "It's like etching on gold to design jewellery", he says. "The laser manages to either flatten or raise the cornea, solving the problem of myopia". Now watch Dr. Harshad P, in his clinic as he gazes not at this (13) but at a television screen, which his patient too is (14) from the operating table. Controlled from the outside, Dr. Harshad's laser is waltzing through his patient's prostrate; it's called a laser prostatectomy. A miniature camera and a beam of light from a fibre-optic wire, both at the end of a laparoscope, allow him to see (15) than with the naked eyes.

11. Choose the correct option:

- a) questionable
- b) discretionary
- c) unpardonable
- d) unquestionable

Ans: (d)

Explanation: Options a, b and c do not gel with the theme, only option d "unquestionable", matches the exceptionable role of the laser.

12. Choose the correct option:

- a) body
- b) clinic
- c) world
- d) eye

Ans: (d)

Explanation: Doctor Sanjay C definitely "remodels the eyes" as in the later part he talks about flattening or raising the cornea. Hence option (d) is correct.

13. Choose the correct option:

- a) family
- b) future
- c) patient
- d) awards

Ans: (c)

Explanation: Doctor Harshad P. would be expected to look at his "patient" under normal circumstances to diagnose the problem or solve it. Hence option 'c' is correct.

14. Choose the correct option:

- a) operating
- b) diagnosing
- c) watching
- d) criticising

Ans: (c)

Explanation: The patient cannot be operating, diagnosing or criticising lying on the operating table. He can only be "watching" the projection on the TV screen. Hence, option 'c' is correct.

15. Choose the correct option:

- a) tens of times better
- b) not much better
- c) restricted vision
- d) more colourfully

Ans: (a)

Explanation: Here only two options make sense, i.e., option (a) "tens of times better" and option (d) "more colourfully" but 'seeming more colourfully' is not at all a

desired advantage of the laser surgery. Option 'a', "tens of times better" is the required property of the laser. Hence option 'a' is correct.

I.16-20) Read each sentence and find out whether there is any **grammatical error** or **idiomatic error** in it. The **error**, if any, will be in one part of the sentence. If there is **no error**, the answer is **No Error**. (Ignore errors of punctuation, if any.)

16. plunging international crude oil prices (1)/ and the subsequently lowered of fuel prices (2)/ come as a morale booster (3)/ for the auto industry. (4)/ No error (5).

- a) 1
- b) 2
- c) 3
- d) 4
- e) 5

Ans: (b)

Explanation: Here, 'and the subsequent (adjective) lowering (gerund) of fuel prices' is the right usage. Here, Gerund has been used as Noun.

17. Handwriting is an art form (1)/ just like painting, drawing and (2)/ sketching, this art (3)/ can develop by individuals with some efforts. (4)/ No error (5).

- a) 1
- b) 2
- c) 3
- d) 4
- e) 5

Ans: (d)

Explanation: Here, passive voice i.e., 'can be developed by individuals' is the right usage. Here, subject is passive.

18. The decision (1)/ to buy out the plant (2)/ was base at (3)/ the cost benefit analysis. (4) No error (5).

- a) 1
- b) 2
- c) 3
- d) 4
- e) 5

Ans: (c)

Explanation: In passive voice, past participle form of verb is used. Hence, 'was based on' is the right usage.

19. The states will also be told to effective utilise the new (1)/ created price index to ensure (2)/ that prices of onions and potatoes (3)/ do not show any artificial increase. (4)/ No error (5).

- a) 1
- b) 2
- c) 3
- d) 4
- e) 5

Ans: (a)

Explanation: Here, 'the states will also be told to effectively (adverb) utilise (verb) the newly' (adverb) is the right usage. An adverb modifies an adjective/a verb.

20. The draft made a case by removed different (1)/ types of fees and charges on (2)/ e-transactions by various entities and providing (3)/ incentives for such payments. (4)/ No error (5).

- a) 1
- b) 2

- c) 3
- d) 4
- e) 5

Ans: (a)

Explanation: Here, 'The draft made a case for removing different' is the right usage.

I.21-25) Direction: Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits the meaning of the sentence as a whole.

21. Wayfinding is an information system that helps people _____ physical environment and _____ their understanding and experience of the space.
- a) handle, boom
 - b) operate, boost
 - c) manoeuvre, exalt
 - d) navigate, enhance
 - e) skip, magnify
- Ans: (d)
22. In Delhi, where a third of the population has been _____ into poorly provisioned illegal homes and another large _____ is priced out of the city for want of affordable housing, getting a DDA flat is nothing short of winning a lottery.
- a) attacked, portion
 - b) pushed, chunk
 - c) thrust, quantity
 - d) assaulted, piece
 - e) charged, part
- Ans: (b)
23. The NDA government _____ the makes in India programme in 2014

to _____ investment in the manufacturing sector.

- a) catapulted, rise
- b) propelled, add
- c) projected, blow
- d) dispatched, setback
- e) launched, boost

Ans: (e)

24. The recommendation comes _____ the stand-off between the Modi government and the NGO sector _____ several have been complaining of undue or targeted harassment by the government.
- a) amidst, where
 - b) amongst, when
 - c) outside, while
 - d) to, in which
 - e) over, whereas
- Ans: (a)

25. The project _____ 24 x 7 _____ to educational content.
- a) conceives, hours
 - b) predicts, receiving
 - c) envisages, access
 - d) anticipates, days
 - e) visualises, approach
- Ans: (c)

I.26-30) In each of the following questions, a sentence split into four parts labelled 1, 2, 3, 4 is given. Rearrange the parts to form the original sentence and select the correct order from among the five choices given below and mark its number as your answer:

- 26.
- 1) that she would not speak for other backward classes

- 2) because she firmly believed that it was necessary now
- 3) she ventured to do so on this one occasion
- 4) although the minister had previously emphasized

- a) 1324
- b) 2134
- c) 3214
- d) 4132
- e) 4231

Ans: (d)

Explanation: Although the minister had previously emphasized that she would not speak for other backward classes she ventured to do so on this one occasion because she firmly believed that it was necessary now.

27.

- 1) remains the same amount of water
- 2) the research revealed that children can
- 3) that a pint of water poured from a small glass into a large one
- 4) learn to count long before the recognition

- a) 3421
- b) 2341
- c) 2431
- d) 2143
- e) 3142

Ans: 2431

Explanation: The research revealed that children can learn to count long before the recognition that a pint of water poured from a small glass into a large one remains the same amount of water.

28.

- 1) he first made copies of more than twenty

- 2) in order to raise money
- 3) the artist so much treasured his collection of portraits
- 4) that when forced to sell them

- a) 2134
- b) 3421
- c) 3412
- d) 3142
- e) 2143

Ans: 3421

Explanation: The artist so much treasured his collection of portraits that when forced to sell them in order to raise money he first made copies of more than twenty.

29.

- 1) all over the Himalaya ranges
- 2) many of them chiseled from solid rocks centuries ago
- 3) hundreds of monasteries
- 4) dot the mountainous regions

- a) 4213
- b) 4123
- c) 3214
- d) 3241
- e) 2314

Ans: 3241

Explanation: Hundreds of monasteries many of them chiseled from solid rocks centuries ago dot the mountainous regions all over the Himalaya ranges.

30.

- 1) to grant a concession for oil exploration to the company
- 2) it was the loss of revenue from tourism

3) that would later be known by the name of
Aramco

4) that in 1995 led the Saudi authorities

a) 1432

b) 1243

c) 2431

d) 2143

e) 2413

Ans: 2413

Explanation: It was the loss of revenue from tourism that in 1995 led the Saudi authorities to grant a concession for oil exploration to the company that would later be known by the name of Aramco.

I.31-32) In each of the questions given below a few sentences are given which are grammatically correct and meaningful.

Connect them by the word given above the statements in the best possible way without changing the intended meaning. Choose your answer accordingly from a correct and coherent sentence.

31. only if

- I. The concept of statistical deviance determines that a behaviour is abnormal.
- II. He once stated that the vast possibilities of our great future will become realities.
- III. It occurs infrequently among the members of the group as a whole.
- IV. WE make ourselves responsible for that future.

a) Only C-A

b) Only A-B

c) Both A-C and B-D

d) Only D-B

e) no connection possible

Ans: (c)

32. By the time

- I. We got to the top of the mountain.
- II. Smoke was pouring out the windows of the house.
- III. The steepness of the climb took us by surprise, so we'd had a pretty good workout.
- IV. The fire engine arrived.

a) Only C-A

b) Only D-B

c) Both A-D and B-C

d) Both C-A and B-D

e) no connection possible

Ans: (d)

I.33) In this question four words are given in bold. One of these words given in bold may be either wrongly spelt or inappropriate in the context of the sentence. Find out that word, if any otherwise mark the last option 'all correct'.

33. Mumbai is an **efficient** city in some **ways**, but this **reputation** depends on **fare** weather.

a) efficient

b) ways

c) reputation

d) fare

e) all correct

Ans: (d)

Explanation: The appropriate word should be 'fair'.

34. Despite its **glitches** and **snarls**, the new tax has taken firm **route** and is altering the economic **landscape** positively.

a) glitches

b) snarls

- c) route
- d) landscape
- e) all correct

Ans: (c)

Explanation: The word should be root.

I.35) In the following question, out of the five alternatives, choose the one which best expresses the meaning of the given word as used in the passage:

35. **prudent**

- a) hasty
- b) reasonable
- c) foolish
- d) reckless
- e) unwise

Ans: (c)

I.36-38) In the questions below, there is a sentence in which one part is given in bold. This part may or may not be grammatically correct. Choose the best alternative among the given options. If the part is already correct, choose option 'e'.

36. Within the next decade, healthcare **is going to be** one of the most lucrative sectors in India.

- a) will go on to
- b) has gone in
- c) has been going to be
- d) have become
- e) no correction required

Ans: (e)

37. He is sad to **had defrauded** many people to lakhs of rupees till date.

- a) be fraud of
- b) defraud
- c) be in defraud of
- d) have defrauded

- e) no correction required

Ans: (d)

Explanation: The sentence is in present perfect tense so 'have' should be used at the place of 'had'.

He is sad to **have defrauded** many people to lakhs of rupees till date.

38. Ring network technology **requires many wiring** and is not feasible for connecting too many nodes.

- a) require most wiring
- b) required too more wiring
- c) require much of wires
- d) requires a lot of wiring
- e) no correction required

Ans: (d)

Explanation: 'a lot of' should be used at place of 'many'.

Ring network technology **requires a lot of wiring** and is not feasible for connecting too many nodes.

I.39-40) In the following questions, out of five alternatives, choose the one which is opposite in the meaning of the given words.

39. Disband

- a) Dismiss
- b) Doubt
- c) Apportion
- d) Disburse
- e) assemble

Ans: (e)

Explanation: Disband means 'to break up anything'.

Assemble means 'collect together'.

40. Litter

- a) Clutter
- b) Scramble
- c) Possessions
- d) Muddle
- e) Garbage

Ans: (c)

Explanation: Litter means 'refused items or garbage' while possessions means 'to handle something'.

1. Find out the missing term:

256, 64, 16, 4, __

- a) 1
- b) $\frac{1}{4}$
- c) $\frac{1}{16}$
- d) none of these

Ans: (a)

Explanation: The given series is a gap with common ratio $\frac{1}{4}$.

Hence, option (a) is correct.

2. Find out the missing term:

7, 15, 27, __, 63

- a) 42
- b) 43
- c) 38
- d) none of these

Ans: (b)

Explanation: The series follows a pattern of +8, +12, +__, +20.

Hence, we need to add 16 for the missing term.

$27+16 = 43$ is the answer.

3. Find out the missing term:

__, 425, 600, 825, 1100, 1425

- a) 225
- b) 300
- c) 250
- d) none of these

Ans: (b)

Explanation: If in the series first number is missing, start to solve backwardly.

The series follows a pattern of – 325, -275, -225, -175 backwardly.

Hence, the first number could be get by subtracting 125 from 425.

So, the answer is 300.

4. Find out the missing term:

1, 121, 12321, 1234321, ____

- a) 123454321
- b) 12344321
- c) 12345654321
- d) none of these

Ans: (a)

Explanation: The series is representing the values of $1^2, 11^2, 111^2, 1111^2$. Hence, the next value would be $11111^2 = 123454321$, so option (a) is the answer.

5. Find out the missing term:

0.005, 0.05, ____, 5

- a) 5.50
- b) 0.05
- c) 0.5
- d) none of these

Ans: (c)

Explanation: A gap with common ratio 10.

Hence, the missing term will be 0.5

6. Which combination of alphabets would come in the position of the question mark in the following sequence?

ABP, CDQ, EFR, ____

- a) GHS
- b) GHT
- c) HGS
- d) GHR
- e) none of these

Ans: (a)

Explanation: First and second letter move two steps in forward direction while the third letter moves one step in alphabetical order.

7. Which of the following will come next in the series given below?

NSI, ORG, PQE, QPC, ____

- a) PQA
- b) RQD
- c) AOR
- d) ROA
- e) none of these

Ans: (d)

Explanation: 1st letter moves +1 step, second letter moves -1 step, 3rd letter moves -2 steps. Hence, the next group of letters would be ROA.

I.48-50) Answer the questions on the basis of the information given below:

Nine students Lavya, Mona, Niti, Osho, Pawan, Qureshi, Radha, Saumya and Tarun are standing in 3x3 square formation facing North. It is also given that:

- I. Niti is standing immediately in front of Qureshi.
 - II. Qureshi is standing to the immediate right to Tarun.
 - III. Osho is standing to the immediate left of Lavya.
 - IV. Pawan is standing to the immediately behind Radha.
 - V. Saumya is standing to the immediate right to Mona.
8. Which of the following students is standing at the Centre?
- a) Qureshi
 - b) Radha
 - c) Saumya
 - d) Tarun
- Ans: (d)

Explanation: This table can be draw by the given information:

O/M	L/S	N
R	T	Q
P	O/M	L/S

Tarun is standing at the Centre.

9. Which of the following students is standing at the last position in the leftmost column?
- a) Osho
 - b) Mona
 - c) Pawan
 - d) Radha

Ans: (c)

Explanation: This table can be draw by the given information:

O/M	L/S	N
R	T	Q
P	O/M	L/S

Pawan is standing at the last position in the leftmost column.

10. Which of the following statements is definitely true?
- a) Radha is standing in the first column.
 - b) Qureshi and Radha are standing in different rows.
 - c) Pawan and Tarun are standing at corners.
 - d) None of these.

Ans: (a)

Explanation: This table can be draw by the given information:

O/M	L/S	N
R	T	Q
P	O/M	L/S

(a) is true as Radha is standing in the first column.

I.11-13) study the following information to answer the given questions:

A building has seven floors numbered one to seven, in such a way that the ground floor is numbered one, the floor above it, number two and so on such that the topmost floor is numbered seven. One out of seven people viz., A, B, C, D, E, F and G lives on each floor. A lives on fourth floor. E lives on the floor immediately below F's floor. F does not live on the second or the seventh floor.

C does not live on an odd numbered floor. B does not live on a floor immediately above or below C's floor. D does not live on the topmost floor. G does not live on any floor below E's floor.

11. Who lives on the topmost floor?

- a) B
- b) C
- c) E
- d) G
- e) Cannot be determined

Ans: (d)

Explanation: G live son the topmost floor.
From the information given, we can construct the following table:

7 th	G
6 th	C
5 th	D
4 th	A
3 rd	F
2 nd	E
1 st	B

12. Who lives immediately above D's floor?

- a) A
- b) B
- c) C
- d) F
- e) G

Ans: (c)

Explanation: C lives immediately above D's floor.

From the information given, we can construct the following table:

7 th	G
6 th	C
5 th	D
4 th	A
3 rd	F
2 nd	E
1 st	B

13. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?

- a) F
- b) D
- c) B
- d) G
- e) C

Ans: (e)

Explanation: F, D, B and G live on odd numbered floor. C lives on even numbered floor.

From the information given, we can construct the following table:

7 th	G
6 th	C
5 th	D
4 th	A
3 rd	F
2 nd	E
1 st	B

14. Pointing to a man in a photograph, Leesha said, "his mother's only daughter is my mother". How is Leesha related to that man?

- a) nephew

- b) sister
- c) wife
- d) niece
- e) granddaughter

Ans: (d)

Explanation: Leesha's mother – man's sister, i.e., Leesha is man's niece.

15. If Raju is the son of the wife of the son of the father of Amrendra's father, how is Raju related to Amrendra, if Raju's grandfather has no granddaughter?

- a) brother
- b) cousin
- c) either 1 or 2
- d) can't say
- e) none of these

Ans: (c)

Explanation: Father of the father of Amrendra. Now, the wife of the son of Amrendra's grandfather is either aunt or mother of Amrendra. Hence, Raju, who is the son of the lady, is either brother or cousin.

16. A man walks 6 km to the East and then turns to the South and walks 5 km. Again, he turns to the East and walks 6 km. Next, he turns northwards and walks 10 km. How far is he now from his starting point?

- a) 5 km
- b) 12 km
- c) 13 km
- d) 17 km
- e) 9 km

Ans: (c)

Explanation: The man starts from A and walks 6 km East up to B, turns Southwards and moves 5 km. up to C. At C, he turns to the East

and walks 6 km up to D. He then turns Northwards and walks 10 km up to E. Now, draw BO and AE.

Clearly, $BO = CD = 6$ km

$AO = (AB + BO) = (6+6)$ km = 12 km

$OE = (DE - OD) = (DE - BC)$

= (10-5) km = 5 km

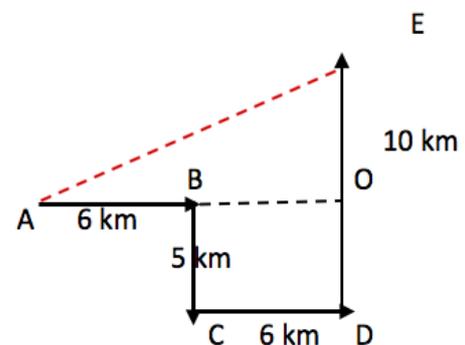
So, man's distance from the starting point A

= $\sqrt{AO^2 + OE^2}$

= $\sqrt{(12)^2 + (5)^2}$

= $\sqrt{169}$

= 13 km



17. Anand Left for his office in his car. He drove 15 km towards North and then 10 km towards West. He then turned to the South and covered 5 km. Further, he turned to the east and moved 8 km. Finally, he turned right and drove 10 km. How far and in which direction is he from his starting point?

- a) 2 km West
- b) 5 km East
- c) 3 km North
- d) 6 km South
- e) none of these

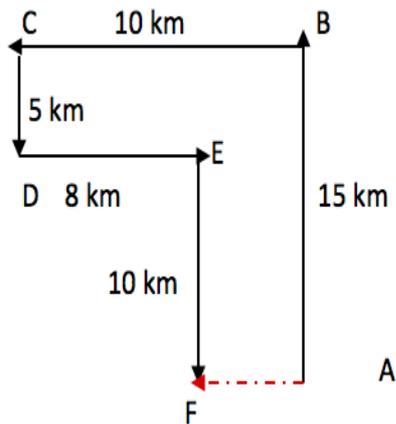
Ans: (a)

Explanation: Clearly, Anand drove 15 km from A to B northwards and then 10 km from B to C towards West. He then moves 5 km Southwards from C to D and 8 km Eastwards

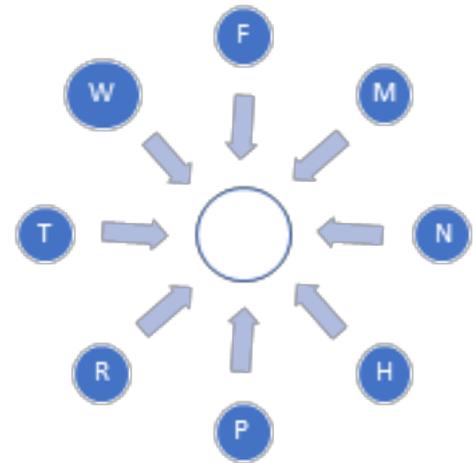
up to E. Finally, he turned right and moved 10 km up to F.

So, A and F lie in the same straight line and F lies to the West of A.

So, Anand's distance from the starting point A
 $= AF = (BC - DE)$
 $= 10 - 8$
 2 km West



I.18-20) M, N, P, R, T, W, F and H are sitting around a circle facing the center. P is third to the left of M and second to the right of T. N is second to the right of P. R is second to right of W, who is second to the right of M. F is not an immediate neighbor of P.



19. Who is second to the right of F?

- a) M
- b) R
- c) T
- d) data inadequate
- e) none of these

Ans: (c)

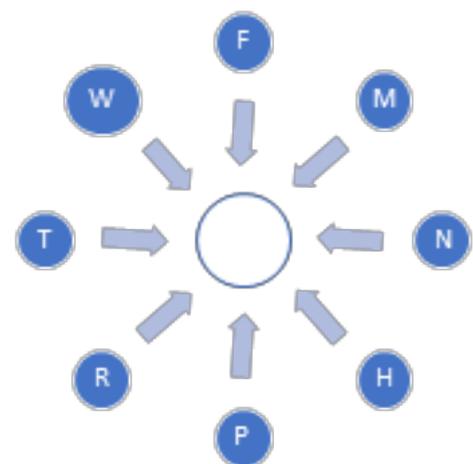
Explanation: T is second to the right of F. On the basis of the given information following seating arrangement can be possible:

18. Who is to the immediate right of P?

- a) H
- b) F
- c) R
- d) data inadequate
- e) none of these

Ans: (a)

Explanation: H is the immediate right of P. On the basis of the given information following seating arrangement can be possible:

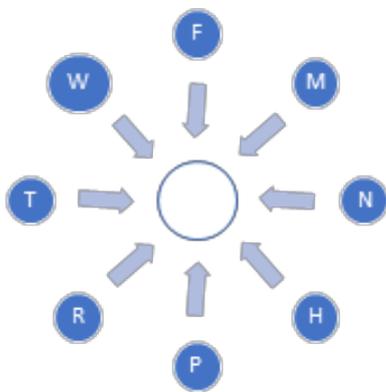


20. In which of the following is the first person sitting in between the second and the third person?

- a) NHM
- b) PHN
- c) TRP
- d) TWF
- e) None of these

Ans: (a)

Explanation: N is sitting between H and M.
On the basis of the given information following seating arrangement can be possible:



I.21-25) In each of the questions given below two statements are 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. Read all the conclusions and then decide which of the given conclusion logically follows from the statements, disregarding commonly unknown facts. Give answer:

21. Statements:

- A. All men are dogs.
- B. All dogs are cats.

Conclusion:

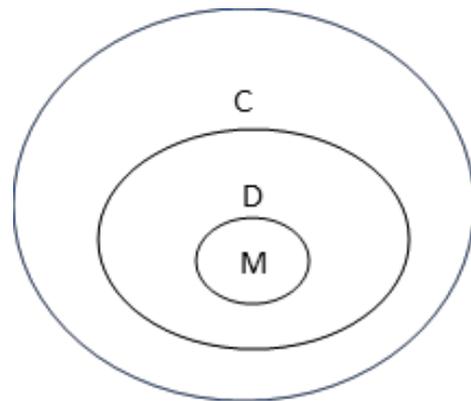
- I. All men are cats.
- II. All cats are men.

- a) if only conclusion I follows.

- b) if only conclusion II follows.
- c) if either conclusion I or conclusion II follows.
- d) if neither conclusion I nor conclusion II follows.
- e) if both conclusions I and II follows.

Ans: (a)

Explanation: from the figure drawn, conclusion A follows.



22. Statements:

- A. All men are married.
- B. Some men are educated.

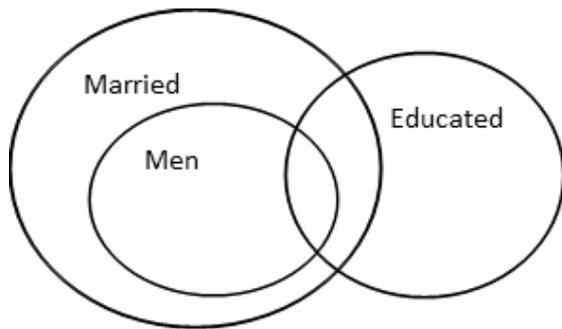
Conclusion:

- I. Some married are educated.
- II. Some educated are married.

- a) if only conclusion I follows.
- b) if only conclusion II follows.
- c) if either conclusion I or conclusion II follows.
- d) if neither conclusion I nor conclusion II follows.
- e) if both conclusions I and II follows.

Ans: (e)

Explanation: From the figure, we can say that some men are educated and some educated are men. Hence, both of them follow.



23. Statements:

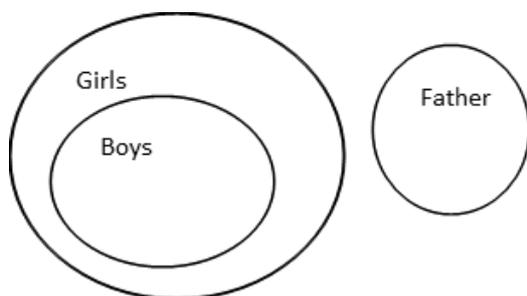
- A. All boys are girls
- B. No girl is a father.

Conclusion:

- I. All girls are boys.
 - II. No boy is a father.
- a) if only conclusion I follows.
 - b) if only conclusion II follows.
 - c) if either conclusion I or conclusion II follows.
 - d) if neither conclusion I nor conclusion II follows.
 - e) if both conclusions I and II follows.

Ans: (b)

Explanation: Conclusion (I) does not follow. Conclusion (II) that 'no boy is a father' is valid which shows from the figure.



24. Pointing to a boy, Purnima says, "He is the only son of the sister of my brother." How is the boy related to Purnima?

- a) son
- b) nephew
- c) brother
- d) none of these

e) can't be determined

Ans: (e)

Explanation: If Purnima is the only daughter of her father then the boy is her son. But, here we don't know the number of sisters Purnima has. Hence, the relation cannot be determined.

25. X's mother is the mother-in-law of the father of Z. Z is the brother of Y while X is the father of M. How is X related to Z?

- a) paternal uncle
- b) maternal uncle
- c) cousin
- d) grandfather
- e) brother-in-law

Ans: (b)

Explanation: Mother-in-law of father = maternal (grandmother)

Since X is son of Z's maternal grandmother, X must be Z's maternal uncle. Note that X is a male because he is a father.

26. One day, Ravi left home and cycled 10 km southwards, turned right and cycled 5 km and turned right and cycled 10 km and turned left and cycled 10 km. How many kilometers will he have to cycle to reach his home straight?

- a) 10 km
- b) 15 km
- c) 20 km
- d) 25 km
- e) none of these

Ans: (b)

Explanation: Clearly, Ravi starts from home A, moves 10 km southwards up to B, turns right and moves 5 km up to C, turns right again and moves 10 km up to D and finally turns left and

moves 10 km up to D and finally turns left and moves 10 km up to E.

Thus, his distance from initial position

$$A = AE$$

$$= AD + DE$$

$$= BC + DE$$

$$= 5 + 10 \text{ km}$$

$$= 15 \text{ km}$$

I.67-68) Study the following elements of letters, digits and symbols sequence to answer the questions given below:

A B 7 C D 9 Z Y * P 2 M © K S 3 % 5 N T @

27. How many such digits are there in the sequence each of which is immediately preceded as well as followed by letters?

- a) none
- b) one
- c) two
- d) three
- e) none of these

Ans: (d)

Explanation: We have to search for letter-digit-letter combination. There are three such combination in the series- B7D, D9Z, P2M.

28. Which of the following letters is exactly midway between the letters falling between 'C' and 'F'?

- a) Y
- b) K
- c) P
- d) M
- e) none of these

Ans: (c)

Explanation: The letters falling between C and F are as follows: D Z Y P M K S. Hence, P is the required letter.

29. In a class Seema is 10th from the top and Bablee is 20th from the bottom. Raju is 11 ranks below Seema and 21 ranks above Bablee. How many students are in the class if list includes all the students of the class?

- a) 60
- b) 61
- c) 62
- d) data inadequate
- e) none of these

Ans: (b)

Explanation: Seema's position – 10th from the top
 Bablee's position – 20th from the bottom
 Raju is 11th below Seema means, (10+11) = 21st from the top.
 Raju is 21st above Bablee means, (20 + 21) = 41 from the bottom.
 So, total number of students = 41+21 – 1 = 61

30. Among P, Q, R, S and T, each having a different weight, R is heavier than only P. S is lighter than Q and heavier than T. Who among them is the heaviest?

- a) Q
- b) P
- c) S
- d) data inadequate
- e) none of these

Ans: (a)

Explanation: "R is heavier than only P" implies that P is the lightest and R is the second lightest. So, the second information (Q > S > T) determines that Q is the heaviest.

I.31) Each of the questions below consists of a question and two or three statements given below it. You have to decide whether the data

provided in the statements are sufficient to answer the question:

31. In which direction from city 'X' is city 'Y' situated?

Statements:

- I. City 'X' is to the East of city 'W' but both the cities 'Y' and 'X' are in the straight line.
- II. No cities are to the North of 'X'.
- III. No cities except 'X' are on the same straight line on which 'W' is situated.

- a) either (I) or (II) or (III)
- b) (II) and (III)
- c) only (II)
- d) all are required
- e) none of these

Ans: (d)

Explanation: We need all the three statements to get the direction of city 'Y' from city 'X'.

1.32) Each of the questions below consists of a question and two or three statements given below it. You have to decide whether the data provided in the statements are sufficient to answer the question:

32. How is L related to W?

Statements:

- I. P is wife of one of the sons of X and mother of the grandson of the father of Y.
- II. Y is the father of W but W is not the daughter of the wife of Y.
- III. L is the brother of T, who is granddaughter of the father-in-law of the mother of L.

- a) none
- b) all the information even together are not sufficient.
- c) any one of them

- d) only C
- e) none of these

Ans: (b)

Explanation: Statement (III) has no relation either with statement (I) or (II). In the statement (III), W is not being talked about. Similarly, in statement (I) and (II), L is not being talked about. Hence, all the three statements even together are not sufficient.

33. In a certain code language, the word 'LATEST' is written as 'IDQHPW'. How will the word 'PAPERS' be written in that language?

- a) SXS BUP
- b) MDS BUP
- c) MDMHOV
- d) MDMHUV
- e) None of these

Ans: (c)

Explanation: Odd-number-positioned letters are shifted three places leftward and even-number-positioned letters are shifted three places rightward as in English alphabet. Hence, the code for 'PAPERS' will be 'MDMHOV'.

1.34) In each question below is given a group of letters followed by four combinations of digits/symbols numbered (1), (2), (3) and (4). You have to find out which of the combinations correctly represents the group of letters based on the following digit/symbol coding system and the conditions those follow and mark the number of that combinations as the answer. If none of the combinations correctly represents the group of letters mark (5) i.e. 'none of these', as your answer.

Letter	P	N	E	K	R	A	T	V	I	J	U	B	F	H	N
Digit/ Symb ol	5	6	#	2	\$	8	%	1	@	7	@	9	3	4	*

CONDITIONS:

- I. If both the first and the last letters in the group are vowels, both are to be coded as the code for the last letter.
- II. If both the first and the last letters in the group are consonants, both are to be coded as the code for the first letter.
- III. If the first letter in the group is a consonant and the last letter is a vowel codes for the first and the last letters are to be interchanged.

34. T M W E I K B

- a) % 6 1 # @ 2 %
- b) % 6 1 # @ 2 9
- c) 9 6 1 # @ 2 9
- d) 9 6 1 # @ 2 %
- e) None of these

Ans: (a)

Explanation: Apply condition (II)

T	M	W	E	I	K	B
%	6	1	#	@	2	%

35. A H N R M U F

- a) 8 4 * \$ 6 @ 8
- b) 3 4 * \$ 6 @ 3
- c) 8 4 * \$ 6 @ 3
- d) 3 4 * \$ 6 @ 8
- e) none of these

Ans: (C)

Explanation: apply condition applicable

A	H	N	R	M	U	F
8	4	*	\$	6	@	3

I.36-37) Read the information carefully and answer the given questions:

A company ABC printed different numbers of books in different years- 1947, 1956, 1987, 1998, 2002- such that the number of books printed are not same in any year. 66 books were printed in an odd-numbered year which is not 1947. The number of books printed in 1947 is 10 less than that printed in 1987. 59 books were printed in a year before the year in which 61 books were printed in 2002 was 2 more than that printed in 1998.

36. What is the number of books printed in 1987?

- a) 56
- b) 66
- c) 63
- d) 61
- e) none of these

Ans: (a)

Explanation: By the given information, we can draw the chart given below:

Year	Number of books printed
1947	56
1956	59
1987	66
1998	61
2002	63

So, the number of books printed in 1987 is 66.

37. In how many years is the number of books printed more than that printed in 1998?

- a) two
- b) one
- c) none
- d) three
- e) four

Ans: (a)

Explanation: By the given information, we can draw the chart given below:

Year	Number of books printed
1947	56
1956	59
1987	66
1998	61
2002	63

Hence, 61 books were printed in 1998 and 63 books were printed in 2002. So, in 2 years number of books printed are more than that printed in 1998.

38. How many meaningful words can be formed from the 1st, 6th, 8th and 9th letter of the word 'EMANCIPATE' by using each letter once in the word?

- a) two
- b) one
- c) none
- d) three
- e) more than three

Ans: (c)

Explanation: Given word: EMANCIPATE

1ST Letter: E

6th letter: I

8th letter: A

9th letter: T

Thus, no meaningful word.

39. If all the letters in the word 'FIGURES' are arranged in alphabetical order from left to right in such a way that vowels are arranged first followed by consonants, then how many letters are there between U and R after the arrangement?

- a) two

- b) one
- c) none
- d) three
- e) four

Ans: (a)

Explanation: Given word: FIGURES

New word formed: EIUFGRS

Thus, there are two letters between U and R.

40. If in the number 39682147, 1 is added to each of the digits which is less than five and 1 is subtracted from each of the digits which is greater than five then how many digits are repeated in the Number thus formed?

- a) two
- b) one
- c) none
- d) three
- e) four

Ans: (b)

Explanation: Given number: 39682147

New number: 48573256

Hence, only 5 is repeated once.