#### GAT Paper Exam. - II (2018)

## PART - A

### **SPOTTING ERRORS**

**Directions:** Each question in this section has a sentence with three underlined parts labelled (a), (b) and (c). Read each sentence to find out whether there is any error in any underlined part and indicate your response in the Answer Sheet against the corresponding letter i.e., (a) or (b) or (c). If you find no error, your response should be indicated as (d).

| 1. | <u>He appears</u> to be   | <u>a honest man.</u>       | <u>No err</u>   | or.                     |                      |                             |                 |
|----|---------------------------|----------------------------|-----------------|-------------------------|----------------------|-----------------------------|-----------------|
|    | (a) (b)                   | (c)                        | (d)             |                         |                      |                             |                 |
| 2. | One of the member         | rs expressed of            | <u>loubt if</u> | <u>the minister v</u>   | vas an atheist.      | <u>No error</u>             |                 |
|    | (a)                       | (b)                        |                 |                         | (c)                  | (d)                         |                 |
| 3. | <u>This view has beer</u> | <u>taken</u> by one o      | of the ab       | <u>lest persons</u>     | <u>who has writt</u> | <u>en on this subject</u> . | <u>No error</u> |
|    | (a)                       |                            | (b)             |                         |                      | (c)                         | (d)             |
| 4. | <u>Slow and steady</u>    | owns the race,             | <u>as the w</u> | <u>vise would say</u> . | <u>No error</u> .    |                             |                 |
|    | (a)                       | (b)                        | (c)             |                         | (d)                  |                             |                 |
| 5. | <u>We often hear peo</u>  | ple say that mo            | st humar        | <u>ı beings have n</u>  | <u>ot evolved</u>    |                             |                 |
|    | (a)                       |                            | (b)             |                         |                      |                             |                 |
|    | <u>or grow up enough</u>  | <u>n to stick to truth</u> | <u>or non</u>   | <u>No e</u>             | error.               |                             |                 |
|    | (0                        | c)                         |                 | (d)                     |                      |                             |                 |
|    |                           |                            |                 | SYNONY                  | MS                   |                             |                 |

**Directions:** Each item in this section consists of a sentence with an underlined word or words followed by four words or groups of words. Select the word or groups of words that is **nearest in meaning** to the underlined word and mark your response in your Answer Sheet accordingly.

6. The Industrial Revolution saw a <u>massive</u> rise in the population of Europe.

| (a) enormous  | (b) erroneous   | (c) hazardous  | (d) perilous   |  |  |
|---|---|--|--|--|--|
| I had some deepest <u>convicti</u>                  | <u>ons</u> reflected in my work.  |  |  |  |  |
| (a) ideas and opinions                              | (b) firm beliefs  | (c) prejudices   | (d) biases   |  |  |
| This boy is very <u>timid</u> .                     |   |  |  |  |  |
| (a) courageous                                      | (b) shy   | (c) clever   | (d) dull   |  |  |
| My friend is as stubborn as                         | a mule.   |  |  |  |  |
| (a) observant                                       | (b) obnoxious   | (c) obstinate  | (d) corpulent  |  |  |
| His behaviour was deliberately <u>provocative</u> . |   |  |  |  |  |
| (a) exciting desire                                 | (b) infuriating   | (c) pitiable   | (d) creating frustration   |  |  |
|   | <ul> <li>(a) enormous</li> <li>I had some deepest <u>conviction</u></li> <li>(a) ideas and opinions</li> <li>This boy is very <u>timid</u>.</li> <li>(a) courageous</li> <li>My friend is as stubborn as a</li> <li>(a) observant</li> <li>His behaviour was deliberation</li> <li>(a) exciting desire</li> </ul> | <ul> <li>(a) enormous</li> <li>(b) erroneous</li> <li>I had some deepest <u>convictions</u> reflected in my work.</li> <li>(a) ideas and opinions</li> <li>(b) firm beliefs</li> <li>This boy is very timid.</li> <li>(a) courageous</li> <li>(b) shy</li> <li>My friend is as stubborn as a mule.</li> <li>(a) observant</li> <li>(b) obnoxious</li> <li>His behaviour was deliberately provocative.</li> <li>(a) exciting desire</li> <li>(b) infuriating</li> </ul> | (a) enormous(b) erroneous(c) hazardousI had some deepest convictions reflected in my work.(a) ideas and opinions(b) firm beliefs(c) prejudicesThis boy is very timid.(a) courageous(b) shy(c) clever(a) courageous(b) shy(c) clever(a) observant(b) obnoxious(c) obstinateHis behaviour was deliberty provocative.(c) prejudices(a) exciting desire(b) infuriating(c) prejudices |  |  |

# ANTONYMS

**Directions:** Each item in this section consists of a sentence with an underlined word or words followed by four words or groups of words. Select the word or group of words that is most nearly **opposite in meaning** to the underlined word and mark your response in your Answer Sheet accordingly.

Too many cooks <u>spoil</u> the broth.

 (a) tarnish
 (b) wreck
 (c) embellish
 (d) upset

 He is <u>biased</u> against the students from cities.

 (a) open
 (b) prejudiced
 (c) liked
 (d) imoartial

 It is easy to be an <u>orthodox</u>.

 (a) idolatrous
 (b) intelligent
 (c) malignant
 (d) heterodox

14. Permit me to present you with a book.

(a) allow (b) enclose (c) prohibit (d) persuade

15. None but the brave deserves the fair.

(a) ugly person

(b) coward (c) jealous person (d) weak person

## **COMPRESHENSION**

Directions: In this section, you have two short passages. After each passage, you will find some items based on the passage. First, read a passage and answer the items based on it and mark your response on the Answer Sheet accordingly. You are required to select your answers based on the contents of the passage and opinion of the author only.

"Now, ladies and gentlemen," said the conjuror, "having shown you that the cloth is a absolutely empty, I will proceed to take from it a bowl of goldfish. Presto!"

All around the hall people were saying, "Oh, how wonderful! How does he do it?"

But the Quick Man on the front seat said in a big whisper to the people near him, "He-had-it-up-his-sleeve."

Then the people nodded brightly at the Quick Man and said, "Oh, of course"; and everybody whispered round the hall, "He-had-it-up-his-sleeve."

"My next trick." said the conjuror, "is the famous Hindostanee rings. You will notice that the rings are apparently separate; at a blow they all join (clang, clang, clang) ---- Presto!"

There was a general buzz of stupefaction till the Quick Man was heard to whisper, "He-must-have-had-another-lot-uphis-sleeve."

Again everybody nodded and whispered, "The-rings-were-up-his-sleeve."

The brow of the conjuror was clouded with a gathering frown.

"I will now," he continued, "show you a most amusing trick by which I am enabled to take any number of eggs from a hat. Will some gentleman kindly lend me his hat? Ah, thank you ----- Presto!"

He extracted seventeen eggs, and for thirty-five seconds the audience began to think that he was wonderful. Then the Quick Man whispered along the front bench, "He-has-a-hen-up-his-sleeve," and all the people whispered it on. "He-hasa-lot-of-hens-up-his-sleeve."

The egg trick was ruined.

It went on like that all through. It transpired form the whispers of the Quick Man that the conjuror must have concealed up his sleeve, in addition to the rings, hens, and fish, several packs of cards, a loaf of bread, a doll's cradle, a live guinea pig, a fifty-cent piece, and a rocking chair.

- 16. "The brow of the conjuror was clouded with a gathering frown." The sentence means that the conjuror
  - (a) was very pleased (b) was very sad

17. 'The egg trick was ruined." This means that

- (a) eggs were all broken
- (c) conjuror was disappointed
- 18. According to the Quick Man, the conjuror
  - (a) had everything bought for production
  - (c) had things in the large sleeves of his coat
- 19. The author believes that the Quick Man was really
  - (a) foolish (b) clever
- 20. The conjuror extracted seventeen eggs from the hat of
  - (a) the Quick Man
  - (c) one gentleman from the audience

(b) people were unconvinced

(c) was rather angry

- (d) the trick could not be performed
- (b) produced things with the magic he knew
- (d) created an illusion of things with his magic

(d) was very afraid

- (d) right (c) wrong
- (b) his own
- (d) None of the above

|      | Magda                  | : 0      | Good Morning, Mrs. Smi       | les. It's | s w         | vet, isn't it?           |         |                                |
|------|------------------------|----------|------------------------------|-----------|-------------|--------------------------|---------|--------------------------------|
|      | Mrs. Smiles            | : Y      | 'es, it is, isn't it? How ar | e you t   | tod         | lay? All right? You h    | aven'   | t been studying too hard, have |
|      |                        | у        | ou? You look a bit pale.     |           |             |                          |         |                                |
|      | Magda                  | : I      | don't, do I? Well, I have    | en't bee  | en          | out much lately. I do    | n't lil | ke this weather a bit. Why, we |
|      |                        | h        | aven't had a dry day fo      | r week    | <b>s,</b> ] | have we?                 |         |                                |
|      | Mrs. Smiles            | : N      | lo, I don't think we have    | e. Let's  | se          | ee, you'll be going ba   | ck ho   | me next month, won't you?      |
|      | Magda                  | : 0      | )h no, I'm not going bac     | k yet. N  | Мy          | sister's coming over     | r first | •                              |
|      | Mrs. Smiles            | : 0      | )h, is she? You're lookin    | ng forw   | ar          | d to that, I expect. H   | ow lo   | ng is it since you saw her?    |
|      | Magda                  | : N      | learly a year now. Yes, l    | I am lo   | ok          | ing forward to it ver    | y mu    | ch.                            |
|      | Mrs. Smiles            | : S      | he's coming over here t      | to stud   | y?          |                          |         |                                |
|      | Magda                  | : Y      | 'es, that's right. I shan't  | go bac    | k ł         | home until she's sett    | led d   | own. I don't think I ought to, |
|      |                        | 0        | ought I ?                    |           |             |                          |         |                                |
|      | Mrs. Smiles            | : V      | Vell, no, she's younger t    | than yo   | ou          | are, is she?             |         |                                |
|      | Magda                  | : Y      | 'es, she's only eighteen.    |           |             |                          |         |                                |
| 21.  | Magda had not bee      | en out n | nuch lately because          |           |             |                          |         |                                |
|      | (a) she had not b      | een kee  | eping well                   | (         | b)          | she was busy with        | her st  | udies                          |
|      | (c) the weather h      | nad bee  | n unpleasant                 | (         | d)          | her sister had come      | e ovei  | to stay                        |
| 22.  | Magda was not goi      | ng bacl  | k home yet because           |           |             |                          |         |                                |
|      | (a) it had been ra     | ining h  | eavily                       | (         | b)          | her sister was com       | ing ov  | ver                            |
|      | (c) her studies w      | ere not  | completed                    | (         | d)          | she was not feeling      | well    |                                |
| 23.  | Mrs. Smiles says, "    | You're   | looking forward to that      | ." This   | m           | eans, Magda was          | he      | r sister's arrival.            |
|      | (a) expecting wit      | h pleas  | ure                          | (         | b)          | preparing hard for       |         |                                |
|      | (c) thinking grea      | tly abo  | ut                           | (         | d)          | watching with joy        |         |                                |
| 24.  | Magda's sister was     | s comin  | g to                         |           |             |                          |         |                                |
|      | (a) visit her siste    | r        | (b) help Mrs. Smiles         | s (       | c)          | settle down in Engl      | and     | (d) pursue her studies         |
| 25.  | Mrs. Smiles and Ma     | agda ar  | e                            |           |             |                          |         |                                |
|      | (a) classmates         |          | (b) school friends           | (         | c)          | neighbours               | (d)     | sisters-in-law                 |
|      |                        |          | FILL                         | IN TH     | EI          | BLANKS                   |         |                                |
| Dir  | ections: Each of the   | follow   | ing sentences in this see    | ction h   | as          | a blank space and fo     | our w   | ords or groups of words given  |
| afte | er the sentence. Seleo | ct whicl | hever word or group of       | words     | yo          | ou consider most ap      | propi   | iate for the blank space and   |
| indi | icate your response    | on the . | Answer Sheet according       | gly.      |             |                          |         |                                |
| 26.  | We fail to understa    | and you  | ir reasons for               | the co    | olle        | ege without complet      | ing th  | e degree.                      |
|      | (a) attending          |          | (b) joining                  | (         | <u>c)</u>   | leaving                  | (d)     | refusing                       |
| 27.  | She her er             | iergy ai | nd started shouting only     | y when    | ı sl        | he heard the noise o     | f bull  | dozers and cranes.             |
|      | (a) checked            |          | (b) conserved                | (         | c)          | maintained               | (d)     | controlled                     |
| 28.  | The British            | all o    | ver Africa and Asia colla    | apsed i   | n t         | the first half of the tw | venti   | eth century.                   |
|      | (a) hegemony           |          | (b) domicile                 | . (       | <u>c)</u>   | residence                | (d)     | inheritance                    |
| 29.  | The football match     | has to   | be because of t              | the we    | ath         | ier.                     |         |                                |
| 6.5  | (a) called off         |          | (b) continued                | (         | c)          | put off                  | (d)     | tuned off                      |
| 30.  | It I were rich,        | a l      | ot.                          | -         |             |                          |         |                                |
|      | (a) I'll travel        |          | (b) I can travel             | (         | c)          | I would travel           | (d)     | l travelled                    |

| 31.  | They apologized me for what happened.                     |       |                          |                                       |
|------|---|-------|--------------------------|---------------------------------------|
|      | (a) to (b) at   | (c)   | for                      | (d) with                              |
| 32.  | If you are tired of swimming, just for a while.           |       |                          |                                       |
|      | (a) to (b) at   | (c)   | for                      | (d) with                              |
| 33.  | He had spoken for two minutes when there                  | was   | a commotion in the cr    | rowd.                                 |
|      | (a) even (b) hardly                                       | (c)   | often                    | (d) little                            |
| 34.  | I would not commit myself that course of                  | ofac  | tion.                    |                                       |
|      | (a) of (b) to   | (c)   | by                       | (d) with                              |
| 35.  | The soldiers waiting to go into battle for the first time | e wei | re full of               |                                       |
|      | (a) apprehension (b) consideration                        | (c)   | anticipation             | (d) frivolity                         |
|      | IDIOMS A  | ND F  | PHRASES                  |                                       |
| Dire | ections: Given below are some idioms/phrases follow       | ed by | y four alternative mea   | anings to each. Choose the response   |
| (a), | (b), (c) or (d) which is the most appropriate meaning a   | and r | nark your response of    | n the Answer Sheet accordingly.       |
| 36.  | <u>A red-letter day</u>                                   |       |                          |                                       |
|      | (a) a trivial day   | (b)   | a very important or s    | significant day                       |
|      | (c) a day of bloodshed and violence                       | (d)   | a mourning day           |                                       |
| 37.  | <u>The gift of the gab</u>                                |       |                          |                                       |
|      | (a) ability to speak easily and confidently               | (b)   | ability to spoil somet   | thing                                 |
|      | (c) ability to sell things                                | (d)   | gift from a sacred ins   | stitution                             |
| 38.  | Walk a tightrope  |       |                          |                                       |
|      | (a) to be forced to leave your job                        | (b)   | to be ready to fall      |                                       |
|      | (c) to act very carefully                                 | (d)   | to invite danger         |                                       |
| 39.  | <u>To be in a fix</u>                                     |       |                          |                                       |
|      | (a) to receive strong criticism                           | (b)   | to support oneself       |                                       |
|      | (c) to fix problems                                       | (d)   | to be in a difficult sit | uation                                |
| 40.  | To fish in troubled waters                                |       |                          |                                       |
|      | (a) to borrow money                                       | (b)   | to steal belongings      |                                       |
|      | (c) to get benefit in bad situation                       | (d)   | to extend a helping h    | and                                   |
|      | ORDERING OF WO  | ORD   | S IN A SENTENCE          |                                       |
| Dire | ections: Each of the following items in this section co   | onsis | sts of a sentence the    | parts of which have been jumbled.     |
| Thes | se parts have been labelled P, Q, R and S. Given below    | each  | sentence are four see    | quences namely (a), (b), (c) and (d). |
| You  | are required to rearrange the jumbled parts of the sen    | tenc  | e and mark your resp     | onse accordingly.                     |
| 41.  | Domestic fires in Indian villages                         |       |                          |                                       |
|      | P. as the heat is dispersed                               |       |                          |                                       |
|      | Q. an unhealthy smoke accumulates in unventilated         | d hou | uses                     |                                       |
|      | R. are wasteful   | S.    | lit in Chulhas           |                                       |
|      | The correct sequence should be                            |       |                          |                                       |
|      | (a) PQSR (b) PQRS   | (c)   | SPQR                     | (d) SRPQ                              |
| 42.  | Bold rocks near at hand                                   |       |                          |                                       |
|      | P. makes a fine forest for the imagination                | Q.    | than distant Alpa        |                                       |
|      | R. are more inspiring                                     | S.    | and the thick fern up    | oon a heath                           |
|      | The correct sequence should be                            |       |                          |                                       |
|      | (a) QRSP (b) RSQP   | (c)   | RQSP                     | (d) SRQP                              |
|      |   |       |                          |                                       |

| 43. | New | rton discovered that    |       |           |             |                     |       |      |
|-----|-----|-------------------------|-------|-----------|-------------|---------------------|-------|------|
|     | P.  | due to the gravitationa | l pul | 1         | Q.          | of the earth        |       |      |
|     | R.  | the apple falls         |       |           | S.          | on the ground       |       |      |
|     | The | correct sequence should | d be  |           |             |                     |       |      |
|     | (a) | QPRS                    | (b)   | RSPQ      | (c)         | QSPR                | (d)   | SQRP |
| 44. | The | knocking                |       |           |             |                     |       |      |
|     | P.  | were still in the house |       |           | Q.          | for some time       |       |      |
|     | R.  | although the echoes of  | it    |           | S.          | ceased              |       |      |
|     | The | correct sequence should | d be  |           |             |                     |       |      |
|     | (a) | SRPQ                    | (b)   | SQRP      | (c)         | PQSR                | (d)   | RSPQ |
| 45. | The | history of mankind is   |       |           |             |                     |       |      |
|     | P.  | and steady progress     |       |           | Q.          | continuous change   |       |      |
|     | R.  | the history of          |       |           | S.          | from barbarism to r | efine | ment |
|     | The | correct sequence should | d be  |           |             |                     |       |      |
|     | (a) | PQRS                    | (b)   | RQPS      | (c)         | QSPR                | (d)   | SQRP |
|     |     |                         |       | CLOZE CON | <b>APRE</b> | EHENSION            |       |      |

**Directions:** In the following passage there are some blank spaces with four words or groups of words given. Select whichever word or group of words you consider most appropriate for the blank space and indicate your response on the Answer Sheet accordingly.

| 46. | The honeybee is a very u | inusual kind of insect | other insects which live  |            |  |
|-----|--------------------------|------------------------|---------------------------|------------|--|
|     | (a) Unlike               | (b) Similar to         | (c) with                  | (d) Like   |  |
| 47. | Alone, the honeybee live | s as a/an o            | f a community. These bees | s live     |  |
|     | (a) group                | (b) individual         | (c) member                | (d) troop  |  |
| 48. | Together in what is know | wn as a bee            | The head of the bees is o | called the |  |
|     | (a) house.               | (b) home               | (c) army                  | (d) colony |  |
| 49. | queen bee. She is        | than the rest of t     | he bees. Her main task    |            |  |
|     | (a) heaviest             | (b) heavier            | (c) largest               | (d) larger |  |
| 50. | is to eggs               |                        |                           |            |  |
|     | (a) lay                  | (b) hatch              | (c) make                  | (d) bear   |  |
|     |                          |                        | PART – B                  |            |  |

**Directions :** The following **6 (Six)** items consist of two statements, Statement I and Statement II. Examine these two statements carefully and select the correct answer using the code given below: Code :

- (a) Both the statements are individually true and Statement II is the correct explanation of Statement I
- (b) Both the statements are individually true but Statement II is **not** the correct explanation of Statement I
- (c) Statement I is true but Statement II is false
- (d) Statement I is false but Statement II is true
- 51. Statement I : The pitch of the sound wave depends upon its frequency.

Statement II : The loudness of the sound wave depends upon its amplitude.

52. Statement I : Sound wave cannot propagate in vaccum.

Statement II : Sound waves are elastic waves and require a medium to propagate.

53. Statement I : The Government of India Act, 1935 introduced Dyarchy at the Centre. Statement II : The provincial autonomy was granted to the Provinces.

| 54. | Statement I : Mughal Painting reached its climax during  | g the reign of Jahangir.     |                                       |  |  |  |
|-----|--|------------------------------|---------------------------------------|--|--|--|
|     | Statement II : Aurangzeb's Court was adorned by some of the best known artists of the Mughal School of Painting. |                              |                                       |  |  |  |
| 55. | Statement I : Phytoplankton produce most of the organic carbon in the ocean.                                     |                              |                                       |  |  |  |
|     | Statement II : Algae are produced in the cold water bio  | me.                          |                                       |  |  |  |
| 56. | Statement I : Geostrophic wind blows above a height of   | f 600 metres, parallel to t  | he isobars.                           |  |  |  |
|     | Statement II : Geostrophic wind is the horizontal wind   | velocity, in which the Co    | priolis force balances the horizontal |  |  |  |
|     | pressure force.  |                              |                                       |  |  |  |
| 57. | Which one of the following groups of cellular organelle  | es contains DNA?             |                                       |  |  |  |
|     | (a) Mitochondria nucleus, chloroplast  | (b) Mitochondria, Golgi l    | oodies, nucleus                       |  |  |  |
|     | (c) Mitochondria, plasma membrane, nucleus   | (d) Chloroplast, nucleus,    | ribosomes                             |  |  |  |
| 58. | One of the additional functions of Smooth Endoplasmic  | c Reticulum (SER) is         |                                       |  |  |  |
|     | (a) protein synthesis  | (b) lipid synthesis          |                                       |  |  |  |
|     | (c) storage of biomolecules  | (d) detoxification of toxi   | c substances                          |  |  |  |
| 59. | Damage to the apical meristem of a growing young plat  | nt will affect the           |                                       |  |  |  |
|     | (a) length of the plant (b) colour of the flower   | (c) colour of the leaves     | (d) taste of the fruits               |  |  |  |
| 60. | Which of the following kingdoms has/have only unicel   | lular organisms?             |                                       |  |  |  |
|     | (a) Monera only  | (b) Protista only            |                                       |  |  |  |
|     | (c) Monera and Protista both   | (d) Protista and Fungi bo    | oth                                   |  |  |  |
| 61. | Which one of the following is a waterborne disease?  |                              |                                       |  |  |  |
|     | (a) Jaundice (b) Tuberculosis  | (c) Rabies                   | (d) Arthritis                         |  |  |  |
| 62. | The atomic number of an element is 8. How many elect   | trons will it gain to form a | a compound with sodium?               |  |  |  |
|     | (a) One (b) Two  | (c) Three                    | (d) Four                              |  |  |  |
| 63. | A sample of oxygen contains two isotopes of oxygen   | with masses 16 u and 18      | 3 u respectively. The proportion of   |  |  |  |
|     | these isotopes in the sample is 3 : 1. What will be the av   | verage atomic mass of ox     | ygen in this sample?                  |  |  |  |
|     | (a) 17.5 u (b) 17 u  | (c) 16 u                     | (d) 16.5 u                            |  |  |  |
| 64. | Which one of the following is a heterogeneous mixture  | ?                            |                                       |  |  |  |
|     | (a) Hydrochloride acid (b) Vinegar   | (c) Milk                     | (d) Soda water                        |  |  |  |
| 65. | What is the formula mass of anhydrous sodium carbo   | nate? (Given that the ato    | omic masses of sodium, carbon and     |  |  |  |
|     | oxygen are 23 u, 12 u and 16 u respectively)   |                              |                                       |  |  |  |
|     | (a) 286 u (b) 106 u  | (c) 83 u                     | (d) 53 u                              |  |  |  |
| 66. | Which one of the following is called 'syngas'?   |                              |                                       |  |  |  |
|     | (a) $C(s) + H_2O(g)$ (b) $CO(g) + H_2O(g)$   | (c) $CO(g) + H_2(g)$         | (d) $NO_2(g) + H_2(g)$                |  |  |  |
| 67. | The frequency of ultrasound waves is   |                              |                                       |  |  |  |
|     | (a) less than 20Hz   | (b) between 20 Hz and 2      | kHz                                   |  |  |  |
|     | (c) between 2 kHz and kHz  | (d) greater than kHz         |                                       |  |  |  |
| 68. | The magnetic field strength of a current carrying wire   | at a particular distance fr  | om the axis of the wire               |  |  |  |
|     | (a) depends upon the current in the wire   |                              |                                       |  |  |  |
|     | (b) depends upon the radius of the wire  |                              |                                       |  |  |  |
|     | (c) depends upon the temperature of the surrounding  | gs                           |                                       |  |  |  |
|     | (d) None of the above  |                              |                                       |  |  |  |

69. A stainless steel chamber contains Ar gas at a temperature *T* and pressure *P*. The total number of Ar atoms in the chamber is n. Now Ar gas in the chamber is replaced by  $CO_2$  gas and the total number of  $CO_2$  molecules in the

|     | chamber is $n/2$ at the same temperature T. The                         | e pressure in the chamber        | now is P'. Which one of the following   |
|-----|---|----------------------------------|---|
|     | relations holds true? (Both the gases behave as id                      | deal gases)                      |   |
|     | (a) $P' = P$ (b) $P' = 2P$  | (c) $P' = P/2$                   | (d) $P' = P/4$                          |
| 70. | Which one of the following is the correct relation                      | between A and nm?                |   |
|     | (a) $1 \text{ nm} = 10^{-1} \text{A}$ (b) $1 \text{ nm} = 10 \text{ A}$ | (c) $1 \text{ nm} = 1 \text{ A}$ | (d) $1 \text{ nm} = 10^{-2} \text{A}$   |
| 71. | The full form of LED is   |                                  |   |
|     | (a) Light Emitting Diode  | (b) Light Emitting De            | vice                                    |
|     | (c) Light Enhancing Device  | (d) Light Enhancing I            | Diode                                   |
| 72. | If a free electron moves through a potential different                  | rence of 1 kV, then the ener     | gy gained by the electron is given by   |
|     | (a) $1.6 \times 10^{-19}$ J (b) $1.6 \times 10^{-16}$ J                 | (c) $1 \ge 10^{-19}$ J           | (d) $1 \ge 10^{-16}$ J                  |
| 73. | Consider the following places of India:                                 |                                  |   |
|     | 1. Itanagar 2. Imphal   | 3. Agartala                      | 4. Aizawl                               |
|     | Which one of the following is the correct chronol                       | ogical order of the above p      | aces in terms of sunrise time?          |
|     | (a) 3-2-1-4 (b) 2-1-4-3   | (c) 1-4-3-2                      | (d) 4-3-2-1                             |
| 74. | Which one of the following is known as uplands of                       | of delta region?                 |   |
|     | (a) Bef (b) Bils  | (c) Peh                          | (d) Chars                               |
| 75. | Consider the following Wildlife Sanctuaries of In-                      | dia:                             |   |
|     | 1. Shikari Devi 2. Bhadra   | 3. Simlipal                      | 4. Pachmarhi                            |
|     | Which one of the following is the correct order                         | of the above Wildlife Sanc       | tuaries in terms of their location from |
|     | south to north?   |                                  |   |
|     | (a) 1-2-3-4 (b) 2-4-3-1   | (c) 2-3-4-1                      | (d) 3-1-2-4                             |
| 76. | Which one of the following statements about tem                         | perature is correct?             |   |
|     | (a) Temperature decreases with height in the s                          | tratosphere.                     |   |
|     | (b) Temperature is constant at different heights                        | s in the stratosphere            |   |
|     | (c) Temperature increases with height in the tr                         | oposphere at an average ra       | te of 6.5°C per kilometer.              |
|     | (d) Temperature decreases with height in the t                          | roposphere at an average ra      | te of 6.4°C per kilometer.              |
| 77. | Which one of the following is known as a zone of                        | sharp salinity change in th      | e vertical section of ocean?            |
|     | (a) Thermocline (b) Halocline   | (c) Photic zone                  | (d) Pycnocline                          |
| 78. | Permanent hardness of water <b>cannot</b> be remove                     | d by which one of the follow     | ving methods?                           |
|     | (a) Treatment with washing soda   | (b) Calgon's method              |   |
|     | (c) Boiling   | (d) Ion exchange met             | hod                                     |
| 79. | Which one of the following reactions will give NO                       | ) (nitric oxide) gas as one o    | f the products?                         |
|     | (a) $3Cu + 8HNO_3$ (dilute) $\rightarrow$                               | (b) $Cu + 4HNO_3$ (con           | ac.)→                                   |
|     | (c) $4Zu + 10HNO_3$ (dilute) $\rightarrow$                              | (d) $Zu + 4HNO_3$ (cor           | ac.) $\rightarrow$                      |
| 80. | Which one of the following is a tribasic acid?                          |                                  |   |
|     | (a) Hydrochloric acid (b) Nitric acid                                   | (c) Sulphuric acid               | (d) Phosphoric acid                     |
| 81. | Which one of the following statements is <b>not</b> cor                 | rect?                            |   |
|     | (a) All carbons in diamond are liked by carbon-                         | carbon single bond.              |   |
|     | (b) Graphite is layered structure in which layer                        | s are held together by weak      | van der Waals forces.                   |
|     | (c) Graphite layers are formed by hexagonal rin                         | ngs of carbon atoms.             |   |
|     | (d) Graphite layers are held together by carbon                         | -carbon single bond.             |   |
| 82. | Which one of the following is called dry ice?                           |                                  |   |
|     | (a) Solid carbon dioxide  | (b) Liquid carbon dic            | xide                                    |

(c) Liquid nitrogen (d) Liquid ammonia 83. The acidic semidigested food coming out of the stomach is neutralized by (a) pancreatic juice (b) duodenal secretion (c) large intestine secretion (d) bile juice 84. The oxygenated blood from the lungs is received by the (a) left auricle (b) left ventricle (d) right ventricle (c) right auricle 85. The oxygen evolved during photosynthesis comes from splitting of (a) water (b) carbon dioxide (c) oxygen (d) light 86. Which one of the following depicts the correct circuit of a reflex arc? (a) Effector -sensory neuron- spinal cord- motor neuron- receptor (b) Receptor - sensory neuron - spinal cord - motor neuron - effector (c) Receptor - sensory neuron - brain - motor neuron - effector (d) Sensory neuron - receptor - brain - effector - motor neuron 87. If one set of chromosomes for a given plant is represented as N; in case of double fertilization, the zygote and the endosperm nucleus of a diploid plant would have how many sets of chromosomes respectively? (a) N and 2N (b) 2N and 2N (c) N and 3N (d) 2N and 3N 88. Consider the following: ĥ Which one of the following is the value of the resistance between points A and B in the circuit given above? (c)  $\frac{3}{2}$  R (a)  $\frac{2}{r}R$ (b)  $\frac{3}{2}$  R (d) 4R 89. The absolute zero temperature is 0 Kelvin. In °C unit, which one of the following is the absolute zero temperature? (a) 0°C (b) -100°C (c) -273.15 °C (d) -173.15 °C 90. Consider the following statements about visible light, UV light and X-rays: 1. The wavelength of visible light is more than that of X- rays. 2. The energy of X-ray photons is higher than that of UV light photons. The energy of UV light photons is less than that of visible light photons. 3. Which of the statements given above is/are correct? (a) 1, 2 and 3 (b) 1 and 2 only (c) 2 and 3 only (d) 1 only 91. The time period of oscillation of a simple pendulum having length L and mass of the bob m is given as T. If the length of the pendulum is increased of 4L and the mass of the bob is increased to 2m, then which one of the following is the new time period of oscillation? (a) T (d) T/2 (b) 2T (c) 4T 92. The connecting cable of electrical appliances like electric iron, water heater or room heater contains three insulated copper wires of three different colours- red, green and black. Which one of the following is the correct colour code?

- (a) Red live wire, Green neutral wire, Black –ground wire
- (b) Red neutral wire, Green ground wire, Black live wire
- (c) Red live wire, Green ground wire, Black neutral wire
- (d) Red ground wire, Green live wire, Black neutral wire

93. The graphs between current (I) and voltage (V) for three linear resistors 1, 2 and 3 are given below:



If R<sub>1</sub>, R<sub>2</sub> and R<sub>3</sub> are the resistances of these resistors, then which one of the following is correct?

(a)  $R_1 > R_2 > R_3$  (b)  $R_1 < R_3 < R_2$  (c)  $R_3 < R_1 < R_2$  (d)  $R_3 > R_2 > R_1$ 

94. Consider the following statements about a microscope and a telescope:

- 1. Both the eyepiece and the objective of a microscope are convex lenses.
- 2. The focal length of the objective of a telescope is larger than the focal length of its eyepiece.
- 3. The magnification of a telescope increases with the increase in focal length of its objective.
- 4. The magnification of a microscope increases with the increase in focal length of its objective.

Which of the statements given above are correct?

(a) 1 and 3 only (b) 1 and 4 (c) 2, 3 and 4 (d) 1, 2 and 3

95. A planet has a mass  $M_1$  and radius  $R_1$ . The value of acceleration due to gravity on its surface is  $g_1$ . There is another planet 2, whose mass and radius both are two times that of the first planet. Which one of the following is the acceleration due to gravity on the surface of planet 2?

- (a)  $g_1$  (b)  $2g_1$  (c)  $g_1/^2$  (b)  $g_1/^4$
- 96. Match List I with List II and select the correct answer using the code given below the lists :

| Lis | st – I (River Basin) | ]  | List – II (Town) |
|-----|----------------------|----|------------------|
| А.  | Bhaigirathi          | 1. | Lansdowne        |
| B.  | Alaknanda            | 2. | Narendra Nagar   |
| С.  | Nayar                | 3. | Uttarkashi       |
| D.  | Ganga                | 4. | Pauri            |

Code :

|     | Α | В | С | D |
|-----|---|---|---|---|
| (a) | 3 | 1 | 4 | 2 |
| (b) | 3 | 4 | 1 | 2 |
| (c) | 2 | 4 | 1 | 3 |
| (d) | 2 | 1 | 4 | 3 |

97. Match List- I with List- II and select the correct answer using the code given below the lists :

| L  | ist - I (Local Wind) | List – II (Place) |               |  |  |
|----|----------------------|-------------------|---------------|--|--|
| A. | Yamo                 | 1.                | Sudan         |  |  |
| B. | Black Roller         | 2.                | France        |  |  |
| С. | Bise                 | 3.                | Japan         |  |  |
| D. | Haboob               | 4.                | North America |  |  |

Code :

|     | Α | В | С | D |
|-----|---|---|---|---|
| (a) | 1 | 4 | 2 | 3 |
| (b) | 1 | 2 | 4 | 3 |
| (c) | 3 | 4 | 2 | 1 |
| (d) | 3 | 2 | 4 | 1 |

98. 'Majuli', the river island, is located in which one of the following rivers?

| (a) Jar | muna | (b) Padma | (c) Ganga | (d) Brahmaputra |
|---------|------|-----------|-----------|-----------------|
|---------|------|-----------|-----------|-----------------|

- 99. Which one of the following Indian States has recorded negative growth of population as per Census 2011?
  - (a) Manipur (b) Mizoram (c) Tripura (d) Nagaland

100. Which one of the following types of cloud is characterized by continuous precipitation?

(a) Cirrocumulus (b) Cumulus (c) Nimbostratus (d) Cumulonimbus

101. Match List- I with List- II and select the correct answer using the code given below the lists :

| Li | st – I (Major Port) |    | List – II (Location)           |
|----|---------------------|----|--------------------------------|
| А. | Kolkata             | 1. | Landlocked area                |
| B. | Mormugao            | 2. | In the delta region            |
| С. | Visakhapatnam       | 3. | On the riverside               |
| D. | Paradip             | 4. | On the entrance of the estuary |

Code :

|     | Α | В | С | D |
|-----|---|---|---|---|
| (a) | 3 | 1 | 4 | 2 |
| (b) | 3 | 4 | 1 | 2 |
| (c) | 2 | 4 | 1 | 3 |
| (d) | 2 | 1 | 4 | 3 |

102. Which one of the following is **not** an agent of metamorphism?

(a) Heat (b) Compression (c) Decomposition (d) Solution

103. The solution of which one of the following will have pH less than 7?

(a) NaOH (b) KCl (c) FeCl<sub>3</sub> (d) NaCl

104. Which one of the following is an oxidation-reduction reaction?

- (a) NaOH + HCl $\rightarrow$ NaCl + H<sub>2</sub>O (b) CaO + H<sub>2</sub>O $\rightarrow$ Ca (OH)<sub>2</sub>
- (c)  $2Mg + O_2 \rightarrow 2MgO$  (d)  $Na_2SO_4 + BaCl_2 \rightarrow BaSO_4 + 2NaCl_2$
- 105. Which one of the following is **not** used as fertilizer?
  - (a) Ammonium nitrate (b) Ammonium sulphide
  - (c) Ammonium phosphate (d) Ammonium sulphate

106. Which one of the following is the chemical formula of gypsum?

(a)  $CaSO_4 \cdot 2H_2O$  (b)  $Ca_2 SiO_4$  (c)  $2CaSO_4 \cdot H_2O$  (d)  $CaSO_4$ 

107. Which one of the following statements about the law of conservation of mass is correct?

(a) A given compound always contains exactly same proportion of elements

(b) When gases combine in a reaction, they do so in a simple ratio by volume, provided all gases are at room temperature.

(c) Matter can neither be created nor destroyed.

(d) Equal volumes of all gases at same temperature and pressure contain equal number of molecules.

108. The wavelength of X-rays is of the order of

(a) 1 A (b) 1 µm (c) 1 mm (d) 1 cm

109. Consider the following velocity and time graph:



Which one of the following is the value of average acceleration from 8 s to 12 s?

(a)  $8 \text{ m/s}^2$  (b)  $12 \text{ m/s}^2$  (c)  $2 \text{ m/s}^2$  (d)  $-1 \text{ m/s}^2$ 

110. If the focal length of a convex lens is 50 cm, which one of the following is its power?

(a) +2 dioptre (b) +0.02 dioptre (c) -0.5 dioptre (d) +0.5 dioptre

111. A ball is released from rest and rolls down an inclined plane, as shown in the following figure, requiring 4 s to cover a distance of 100 cm along the plane:



Which one of the following is the correct value of angle  $\theta$  that the plane makes with the horizontal?

 $(g = 1000 \text{ cm/s}^2)$ 

(a) 
$$\theta = \sin^{-1}(1/9.8)$$
 (b)  $\theta = \sin^{-1}(1/20)$  (c)  $\theta = \sin^{-1}(1/80)$  (d)  $\theta = \sin^{-1}(1/100)$ 

- 112. The coefficient of areal expansion of a material is  $1.6 \times 10^{-5} K^{-1}$ . Which one of the following gives the value of coefficient of volume expansion of this material?
  - (a)  $0.8 \times 10^{-5} \text{K}^{-1}$  (b)  $2.4 \times 10^{-5} \text{K}^{-1}$  (c)  $3.2 \times 10^{-5} \text{K}^{-1}$  (d)  $4.8 \times 10^{-5} \text{K}^{-1}$

113. The refractive indices of two media are denoted by  $n_1$  and  $n_2$ , and the velocities of light in these two media are respectively  $v_1$  and  $v_2$ . If  $n_2/n_1$  is 1.5, which one of the following statements is correct?

(a)  $v_1$  is 1.5 times  $v_2$ . (b)  $v_2$  is 1.5 times  $v_1$ . (c)  $v_1$  is equal to  $v_2$ . (d)  $v_1$  is 3 times  $v_2$ .

114. Which one of the following greenhouse gases is in largest concentration in the atmosphere?

(a) Chlorofluorocarbon (b) Nitrous oxide (c) Carbon dioxide (d) Methane

115. Match List- I with List- II and select the correct answer using the code given below the lists:

| List | t – I (Koppen's Climatic Type) |    | List - II (Letter Code) |
|------|--------------------------------|----|-------------------------|
| Α.   | Tropical wet                   | 1. | Af                      |
| B.   | Mid- latitude desert.          | 2. | Cs                      |
| С.   | Mediterranean                  | 3. | Df                      |
| D.   | Humid continental              | 4. | BWk                     |

Code :

|     | Α | В | С | D |
|-----|---|---|---|---|
| (a) | 1 | 4 | 2 | 3 |
| (b) | 1 | 2 | 4 | 3 |
| (c) | 3 | 2 | 4 | 1 |
| (d) | 3 | 4 | 2 | 1 |

116. Match List- I with List- II and select the correct answer using the code given below the lists:

| List | t - I (Railway Zone) |    | List – II (Headquarters) |
|------|----------------------|----|--------------------------|
| А.   | West Central         | 1. | Jabalpur                 |
| B.   | South East Central   | 2. | Gorakhpur                |
| C.   | East Central         | 3. | Bilaspur                 |
| D.   | North Eastern        | 4. | Hajipur                  |

Code :

|     | Α | В | С | D |
|-----|---|---|---|---|
| (a) | 2 | 3 | 4 | 1 |
| (b) | 1 | 4 | 3 | 2 |
| (c) | 2 | 4 | 3 | 1 |
| (d) | 1 | 3 | 4 | 2 |

- 117. Which one of the following is the correct descending order of Indian States in terms of sex ration as per Census 2011?
  - (a) Mizoram- Manipur- Tripura- Meghalaya
- (b) Tripura- Manipur- Meghalaya- Mizoram
- (c) Meghalaya- Manipur- Mizoram- Tripura
- (d) Manipur- Meghalaya- Tripura- Mizoram

118. Steppe (temperate continental) climate is **not** experienced in which one of the following places?

(b) Saskatchewan

(a) Pretoria

(c) Perth

(d) Buenos Aires

| 119. Which one of the follo | wing is <b>not</b> a process of cher | mical weathering?             |   |
|-----------------------------|--------------------------------------|-------------------------------|---|
| (a) Solution                | (b) Carbonation                      | (c) Oxidation                 | (d) Exfoliation                           |
| 120. Which one of the follo | wing statements is correct for       | or a plane mirror?            |   |
| (a) Its focal length is     | zero                                 |                               |   |
| (b) The size of the in      | nage of an object placed in fr       | ont of the mirror is slightly | v less than that of the object.           |
| (c) The image is virt       | ual. erect and laterally invert      | ted.                          | ,   |
| (d) Its focal length is     | 200 cm.                              |                               |   |
| 121 An object is placed in  | front of a convex mirror. Wh         | ich one of the following st   | atements is correct?                      |
| (a) It will never form      | n an inverted image.                 | then one of the following su  |   |
| (b) The image move          | s towards the focus when the         | e objects moves towards th    | ne mirror.                                |
| (c) Depending on th         | e position of the object with        | respect to the mirror the i   | mage can be inverted and real             |
| (d) The size of the in      | and becomes larger than the          | at of the object when the o   | piect is placed at a distance equal to    |
| half the focal len          | age becomes larger than the          | at of the object when the o   | ofect is placed at a distance equal to    |
| 122 A circular coil of rad  | ius R having N number of t           | urns carries a steady cur     | rent I. The magnetic induction at the     |
| acentre of the soil is 0.   | toolo If the number of turn          | units carries a steady cur    | a is helved which are of the following    |
| centre of the confis 0.     |                                      |                               | s is harved, which one of the following   |
| will be the correct val     | ue for the magnetic induction        | n at the centre of the coll?  |   |
| (a) 0.05 tesla              | (b) 0.2 tesla                        | (c) 0.4 tesla                 | (d) 0.8 tesla                             |
| 123. Which one among the    | following is <b>not</b> a Fundamer   | ntal Right under the Consti   | tution of India?                          |
| (a) Right to equality       | (b) Right to freedom                 | (c) Right to citizenshi       | p (d) Right against exploitation          |
| 124. Which one of the follo | wing crops was introduced b          | by the Portuguese in India    |   |
| (a) Opium                   | (b) Coffee                           | (c) Betel leaf                | (d) Chili                                 |
| 125. Consider the following | g statements about merchan           | t guilds of South India:      |   |
| 1. Ayyavole mercha          | ant guild was originally estab       | olished in Aihole.            |   |
| 2. Manigraman me            | chant guild was subordinate          | ed to the Anjuvannam mer      | chant guild in the $13^{ m th}$ century.  |
| Which of the statemen       | nts given above is/are correc        | rt?                           |   |
| (a) 1 only                  | (b) 2 only                           | (c) Both 1 and 2              | (d) Neither 1 nor 2                       |
| 126. Which one of the follo | wing pairs is correctly match        | hed?                          |   |
|                             | Bhakti Saint                         | Philosophy                    | ]   |
|                             | (a) Shankara                         | : Avadhuta                    |   |
|                             | (b) Ramananda                        | : Kevaladvaita                | -   |
|                             | (d) Chaitanaya                       | · Advaita                     | -   |
| 127. When did the Stamp     | Act Congress consisting of de        | elegates from 9 of the 13 of  | 」<br>colonies of America meet in New York |
| City?                       |                                      |                               |   |
| (a) 1763                    | (b) 1764                             | (c) 1765                      | (d) 1766                                  |
| 128. Who among the follow   | ving travelers was from Italy        | and visited Vijayanagar Ki    | ngdom in the fifteenth century?           |
| (a) Nikitin                 | (b) Fa-Hien                          | (c) Bernier                   | (d) Nicolo Conti                          |
| 129. Where did the French   | East India Company first est         | tablish its factory in India? |   |
| (a) Calicut                 | (h) Surat                            | (c) Pondicherry               | (d) Masulinatnam                          |
| 130 The Central Vigilanc    | e Commission was establic            | shed on the recommend         | tion of which one of the following        |
| Committees?                 | sommission was establis              |                               | and of which one of the followilly        |
| (a) Santhanam Cam           | mittee                               | (h) Dinach Cagwari            | Committee                                 |
| (a) Tarland di Colli        | ittaa                                | (d) Namasingham C             | mittaa                                    |
| (c) Tarkunde Comm           | ittee                                | (u) warasimnam Com            | millee                                    |

131. Match List- I with List- II and select the correct answer using the code given below the lists :

|    | List – I (Autor) |    | List – II (Book)                     |
|----|------------------|----|--------------------------------------|
| Α. | Bal Gangadhar    | 1. | The Arctic Home in the Vedas         |
| B. | Dadabhai Naroaji | 2. | Hind Swaraj                          |
| С. | Mahatma Gandhi   | 3. | The Discovery of India               |
| D. | Jawaharlal Nehru | 4. | Poverty and Un-British Rule in India |

Code :

|       | cou    |                           |                  |                |            |           |                      |
|-------|--------|---------------------------|------------------|----------------|------------|-----------|----------------------|
|       |        |                           |                  | A              | B          | C         | D                    |
|       |        |                           | (a)<br>(b)       | 3              | 4          | 2         | 1                    |
|       |        |                           | (c)              | 1              | 4          | 2         | 3                    |
|       |        |                           | (d)              | 1              | 2          | 4         | 3                    |
| 132   | . Whi  | ich one of the follo      | owing is t       | the Offic      | cial Masc  | ot of the | FIFA Wo              |
|       | (a)    | Fuleco                    | - (              | b) Zaku        | ımi        |           | (c) Pille            |
| 133   | . The  | Headquarters of           | the prop         | bosed Na       | ational S  | Sports U  | niversity            |
|       | 201    | .8) will be set up i      | n                |                |            | •         | 5                    |
|       | (a)    | Chhattisgarh              | ſ                | b) Man         | ipur       |           | (c) Keral            |
| 134   | . Sent | tosa island, which        | was in n         | iews rec       | ently, is  | located   | in                   |
|       | (a)    | Singapore                 | (                | b) Chin        | a          |           | (c) Austi            |
| 135   | . Indi | ia, in June 2018, a       | sserted t        | hat any        | mega co    | onnectiv  | ity projec           |
|       | of th  | he countries. The         | project r        | eferred        | to above   | eis       | J 1 - ) 20           |
|       | (a)    | North- South Co           | rridor In        | itiative       |            |           | (b) Belta            |
|       | (c)    | Chabahar Port             |                  |                |            |           | (d) Pana             |
| 136   | . Who  | o among the follo         | wing is <b>n</b> | <b>ot</b> a me | mber of    | G7?       | ()                   |
|       | (a)    | France                    | (                | b) Gern        | nanv       |           | (c) Russi            |
| 137   | . Who  | o among the follo         | wing lead        | lers star      | ted the    | Indian H  | ome Rule             |
|       | (a)    | Gopal Krishna G           | okhale           |                |            |           | (b) Maha             |
|       | (a)    | Bal Gangadhar 1           | filak            |                |            |           | (d) L.B. k           |
| 138   | . Eve  | ry Judge of the Su        | preme Co         | ourt of I      | ndia is a  | ppointe   | d bv                 |
| 100   | (a)    | the Supreme Co            | urt Colles       | oure or r      | inana ib a | ppoince   | (h) the C            |
|       | (a)    | the President of          | India            | 514111         |            |           | (d) the L            |
| 139   | The    | Nehru-Mahalan             | obis Stra        | itegy of       | Develo     | nment v   | vas imple            |
| 107   | folle  | owing Five-Year P         | lans?            |                | 2 0 0 0 0  |           | mpr                  |
|       | (a)    | First Five-Year I         | Plan             |                |            |           | (b) Secon            |
|       | (c)    | Thirt Five-Year           | Plan             |                |            |           | (d) Sever            |
| 140   | . Whi  | ich one of the foll       | owing is         | not a na       | art of the | e Directi | ve Princir           |
| 0     | of Ir  | ndia?                     |                  |                |            |           |                      |
|       | (a)    | Equal justice an          | d free leø       | al aid         |            |           |                      |
|       | (h)    | Protection of m           | onument          | s and nl       | aces and   | objects   | of nation:           |
|       | (c)    | Protection of ne          | rsonal la        | W              |            | 55,000    |                      |
|       | (d)    | Separation of Iu          | diciarv fr       | om Exe         | cutive     |           |                      |
| 141   | . The  | word 'socialist' v        | vas inser        | ted into       | the Pres   | amble to  | the Const            |
| * I ¥ | Ame    | endment Acts?             | 11501            | 1110           |            |           | 001130               |
|       |        |                           |                  |                |            |           |                      |
|       | (a)    | 41 <sup>st</sup> Amendmen | t Act            |                |            |           | (b) 42 <sup>nd</sup> |

142. The place of English East India Company settlement in Madras was known as (a) Fort William (b) Fort St. George (c) Elphinstone Circle (d) Marble Palace 143. Which one of the following Indian States (other than Himalayan or NE States) ranked first in the composite water Management Index as per the report issued by the NITI Aayog in June 2018? (a) Madhya Pradesh (b) Karnataka (c) Gujarat (d) Maharashtra 144. Who among the following is the ex officio Chairman of the North Eastern Council? (a) The President of India (b) The Prime Minister of India (c) The Union Home Minister (d) The Union Minister of State (Independent Charge), Ministry of Development of North Eastern Region 145. Which one of the following is the theme of the World Blood Donor Day, 2018? (a) Blood connects us all (b) Be there for someone else. Give blood. Share life. (c) Give blood. Give now. Give often (d) Thank you for saving my life 146. 'Seva Bhoj Yojana', a scheme of the Government of India that seeks to reimburse Central share of CGST and IGST on Food/ Prasad/ Langar/ Bhandara offered by religious institutions, is introduced recently by which one of the following Ministries? (a) The Ministry of Culture (b) The Ministry of Home Affairs (c) The Ministry of Consumer Affairs, Food and Public Distribution (d) The Ministry of Social Justice and Empowerment 147. Dr. Bindeshwar Pathak, who was awarded Nikkei Asia Prize, 2018 for Culture and Community, is the founder of (a) Bachpan Bachao Research (b) PRS Legislative Reasearch (c) Sulabh Sanitation and Social Reform Movement (d) Smile Foundation 148. Article 352 of the Constitution of India contains provisions related to (a) financial emergency (b) failure of constitutional machinery in States (c) suspension of the enforcement of rights conferred in Part III of the Constitution (d) general emergency 149. The Theosophical Society was led by (b) Arthur Griffith (a) A. O. Hume (d) Lord Dufferin (c) Annie Besant 150. Which one of the following statements about Bipin Chandra Pal is correct? (a) He was a member of the moderate group of Congress. (b) He was a member of the extremist group of Congress. (c) He was the Minister of Defence in the first Government of independent India.

(d) He was the Chief Minister of West Bengal.