Question Paper Code: 111 L17

PART - A GENERAL INTELLIGENCE & REASONING

| Direct word/ | /letters/r | questions | s no. 1 | to 6 , s | select th | e relat | ted | | meani | one ongful o | order) | af the | respo follow | inses v ring co | vould ntinen | Ì÷ i t∗ |
|------------------|-----------------------------------|--|--|---|--|--------------------------------|------------------------|-----------------------|-----------------------------------|---|--|-------------------------------------|-----------------|----------------------|------------------|------------|
| 1. | (A) L (B) M (C) P | GAME: egislator: foderator: rodigy: wo thef:banqu | :? election debate, onder | | | | | | (i) (iii) (v) (A) (B) | South Europ North (ii), (v) (ii), (i) | Ameri e Ameri (, (i), (i) , (v), (i) | ca ica e), (iii) e), (iii) | (ii) (iv) | Africa Austra | | |
| 2. | | AK: SGI SQ (B) | GES | (C) | QEB (I | D) C | QIB | | (O) (D) | (ii), (i) | , (v), (ii v (i), (ii | i), (iv) i), (iv) | . s. 21 | t a cor | nas is (| river |
| 3. | (A) H (C) H | ADGH :: N HDGE HEGF | | (D) | HDGF ADGF | | | Direct with of the gi | ven ot 17, 4 | m miss ies. 3, 81, 13 | ing. Cl | noose t | ne corr | l, a ser rectalte | mauve | from |
| 4. | (A) I | P:CKSU DQKM EZUQ | ;:BJM | (B) (D) | CJWM DMQ1 | | | 15. | (A) X, Q, (A) | 300 K, F, _ C | (B) ? (B) | 193 D | (C) | 375 E | (D) | В |
| 5. | | 38 : : 293 : 7 378 (B) | 487 | (C) | 581 (| (D) 2 | 291 | 16, | 6 | 15 | 20 | | | | | |
| 6. | (A) | 51:35:? 875 (B) | 635 | (C) | 1575 | 1. 1. | 1205 | | 3 51 | 4 5 65 | 20 | | | | | |
| 7. | diction (i) (iii) (v) (A) (B) (C) | Ambitious Ambiguity Animals (iii), (ii), (i (iii), (ii), (i (iii), (ii), (i | ; } (v), (v), (iv v), (i), (v v), (iv), (iv) | (ii) (iv) | Ambig Anima | guous ution | | 17. | (A) | 120 3 25 6 64 7 13 12 | (B) | 51 | (C) (Q) | 12 | (D) | 56 |
| Dir nur 8. | | In question ters/numb 240 (B) | ns no. 8 er pair l | to 11, from th | find the e given a 272 | merna | vord/ tives. 210 | 18. | (A) BE. | AG, DC | (B) CI, FL | 169 EK, | (C) (B) | 190 HK | (D) | 161 |
| 9. | (A) (C) | Silver Zinc | | (B) (D) | Platin Bronz | ze | | 20 | (A) (C) | Market | IE: | | (D) | 1.00.0 | ĆΜ | |
| 10. | (A) | MIT (B) | SLE | (C) | RKD | 4 0 | UNG | 20. | (A) | | (B) | 58 | (C) | 59 | (D) | 3/1 |
| 11. | (C) | CENT MORV | | (B) (D) | JLOS CEH | L | | 21. | - | 2 5 | 1 | _ | 3 | | | |
| 12 | White mean (i) (iii) (A) (C) | ch one of ningful ore Pupa Moth (iv), (iii), (iv), (ii), | ter of th . (ii), (i) | ren res e follov (ii) (iv) (B) (D) | Larv Larv Eggs (iv), (iv), | a (iii), (i), (i), (ii), | , (ii) (iii) | | (A | 7 6) 3a | 1 nd 2 nd (- | 0 (- | (B) | | 3) and 3) and | 2 (-2) |

| | | | | O.D. | | - | DOLL | GH V | |)V | | - | | _ | |
|-------|---------|--|------------------------------|------------------------|-------------------|---------------------|------|-------|------------------|-----------------------|--|-----------------|-------------------|--------------------|-------------------|
| | |) 25 (B) | | 36 | (D) | 124 | | (A | | REFI (B |) ERI | F (C) | IRI | FE (D |) FIR |
| | | Q9R12S6Q4 | | | | | 36. | | WAT HKT | | itten as \ | CVG | T, then | what | is writte |
| 29. | | P' means '+', 'Q means '-', the | | (', 'R' me | ans' | ÷ and | | (C) | | 6 and 6 | | | | | |
| | 100 | | | | | .5 | | (A) | | + and - | | (B) (D) | | and + | |
| | (C) | ELAB | (D) | EABL | | | 1 | | | ×4+16 | | /TOV | 5.4 | nd 5 | |
| | (A) | | (B) | EALB | | | | | | - | equation | corr | ect? | | |
| 28. | If N | | dS EAW, | HEN DAL | - 13 I | Y JALLES EL | 35. | W | nich e | of the fo | llowing | inter | hange | of sig | n would |
| . 24 | | IEAT is written | as TEAM | han RAI | Fier | written | | (C) | - | and ÷ | | (D) | + 2 | HIG - | |
| | (C) | PACIFIC | (D) | FACTI | ON | | | (A) | | and ÷ | | (B) | | and × | |
| 1 | (A) | FAINTING | (B) | TONIC | | | | | | $-12 \div 4$ | =3 | 750 | | | |
| 27. | | CIFICATION | | | | | 34. | ma | ke th | e given | equation | corre | ect? | | |
| | (C) | SECURE | (D) | ARGU | F | | 24 | VATE | ich o | f the fol | lowingi | ntercl | nange | of sign | s would |
| | (A) | COURSE | (B) | GRAC | E | | | (C) | 10 | 1 km | | (D) | 21 k | m | |
| 26. | | JRAGEOUS | | | | | | (A) | 16 | 6 km | | (B) | 20 k | | |
| alter | rnative | M (B) : In questions s select the work of the given work | d which can | 27, from | D) the rmed | X given using | 33. | righ | nt and ned le | d cycled eft and c | n southw 6 km, to cled 15 l each stra | irned cm, F | right low ma | cycled any kn | 10 km, |
| | N. V | Vho is the most | intelligent | of all? | | -00 | | (C) | N | orth | | (D) | Wes | t | |
| 25. | as Y. | X is more intel | ligent than ` | y but not | as go | ood as | | (A) | Ea | | | (B) | Sout | | |
| 25 | (C) | 10 metres more intelligen | (D) t than M. M | | | ligent | | actu | ally | she was | travellir | ig? | | | |
| | (A) | 17 metres | (B) | 5 metre 20 metr | | | | show | ving | South. | Sita, a tra g it to be | velle | r went | to the | wrong |
| | hand | , Sam walks or rds his left and etres forward. I | dy 7 metres I Sam to hi | . Later, l s right. | Ram Both | turns walk | 32. | Due | to an | acciden pointer | vas situa t, the pol which w | e turr as sh | ied in s owing | uch a r East, | nanner started |
| | same | After sometime direction in w | hich he tur | ned. On | the | other | | (D) | | | | | | | |
| | cover | 20 metres, Ran | n turns to his | s left and | Sam | to his | | (C) | | | $4 \div 4 + 6$ $4 \div 2 \times 4$ | | | | |
| 24. | Ram | and Sam start | walking to | wards N | Vorth | and | | (B) | | | ÷10×6 | | | | |
| | (C) | QRBKCNJG | (D) | QNPGL | IIC. | | | (A) | | | ÷4×16 | | | | |
| | (A) | QRPKLMJG | (B) | URTKP | | 1 | | | | | correct | | | | |
| 23. | | JSICAL is writ NKLE be writte | n ? | | | 140 | 31. | × fo | rsub | straction | nddition n, and + | for d | for mu ivisior | ultiplic , then | ation, which |
| | (C) | 6 km | (D) | 14 km | | | | (A) | 6 | (B) | 9 | (C) | 7 | (D) | 8 |
| | (A) | 8 km | (B) | 10 km | | | | pants | s. Ho | w many | were in | comp | lete u | niform | ? |
| | is from | n the starting p | oint? | | | | | None | of the | nem wer | e withou e wearin | it eith | er hoc presci | key pa ribed h | ockey |
| 22. | A mar | n travels 4 km di nd further trave | ue north, the Is 4 km due | en travels north. H | 6 km | arhe | 30. | day. | 14 WE | 9 hocke ere wear | ing the b | locke | y shirts | presc | ribed. |

Direction: In questions no. 37 and 38, two statements are given followed by two conclusions I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow from the given statements.

37. Statement I: Some keys are locks, some locks

are numbers.

Statement II:

All numbers are letters, all

letters are words.

Conclusion I:

Some words are numbers.

Conclusion II:

Some locks are letters.

- (A) Conclusion I follows
- (B) Conclusion II follows
- Conclusion I and II follows (C)
- None of the conclusion follows (D)

Statement I: 38.

The constitution assures the

fundamental rights.

Statement II:

Parliament has right to amend

the constitution.

Conclusion I:

included Parliament

fundamental rights in the

constitution

Conclusion II:

Parliament did not assure the

fundamental rights.

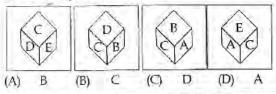
- Only conclusion I follows (A)
- Only conclusion II follows (B)
- Both conclusions I and II follows (C)
- (D) None of them
- A cube which is painted red on the outer surface is 39. of 2 inches height, 2 inches wide and 2 inches across. If it is cut into one-inch cubes as shown by dotted lines, indicate the number of cubes which are red on two sides?



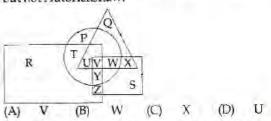
(D) 0

Four position of dice are given below. Which letter 40. will be opposite to D?

Question figures:



In the given figure, Circle represents persons havin Car, triangle represents persons having Motor Cyclsquare represents persons having Autorickshaw rectangle represents persons having Cycle. Find the region where persons having Car, Motor Cycle, Cyc but not Autorickshaw.

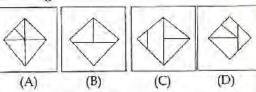


Identify the response figure in which the figure 42. given are found.

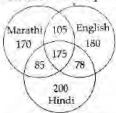
Question figure:



Answer figures:



Direction: In questions no. 43 and 44, study the followin diagram carefully and answer the questions based on it



- The diagram shows the survey on a sample 43. 1000 persons with reference to their knowledge English, Hindi and Marathi. How many know a the languages?
 - 105
- 85
- - 175 78
- The diagram shows the survey on a sample 44. 1000 persons with reference to their knowledge English, Hindi and Marathi. 105 people know languages.
 - Marathi, English (A)
 - Hindi, Marathi, English (B)
 - Marathi, Hindi (C)
 - English, Hindi (D)

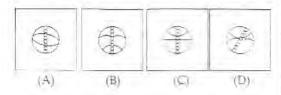
SPACE FOR ROUGH WORK

Direction: In questions no. 45 and 46, which answer figure will complete the pattern in the question figure?

45. Question figure:



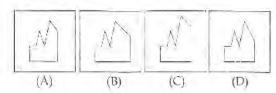
Answer figures:



46. Question figure:



Answer figures:

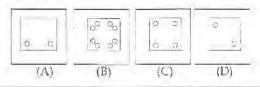


 A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

Question figures:



Answer figures:



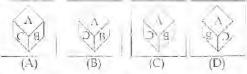
48. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g. 'N' can be represented by 02, 24, etc. and 'Q' can be represented by 56. 'S etc. Similarly, you have to identify the set for the word 'SPCRTS':

| | -9 | date | is - | 1 | | | 1 | 1atr | is - | П | |
|----|----|------|------|----|----|-----|-----|------|------|---|---|
| | 0. | 1. | 1 | 3 | 4 | | 5 | 8 | 7 | 8 | 4 |
| S) | IL | М | N. | 0 | К. | 3 | T. | U | R | 5 | T |
| T | N | M | 35 | L | 0 | 8 | 0 | D | 5 | R | T |
| 2 | E | 8. | M | 0 | N | -7 | T | R | P | Q | S |
| ā. | N | Q | ã | 34 | L | -8- | I R | I. | 5 | Q | T |
| 4 | 0 | 54 | 5. | L | N | i) | Q | P | 5 | R | 1 |

- (A) 67, 55, 31, 57, 69, 87
- Ø9 58, 77, 20, 85, 79, 97
- (C) 24, 66, 40, 85, 89, 58
- (D) 87, 20, 23, 85, 75, 67
- 49. If a mirror is placed on the line XY then which of the answer figures is the right image of the given figure? Question figure:



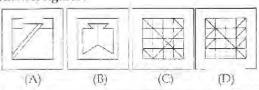
Answer figures:



50. From the given answer figures, select the one in which the question figure is hidden/embedded.
Question figure:



Answer figures ;



SPACE FOR ROUGH WORK

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PART - B

GENERAL AWARENESS

| 51. | Indira Gandhi Prize for Peace, Disarmament and Development - 2012 was awarded to: (A) Sunita Williams (B) Chanda Kochhar (C) Ellen Johnson Sirleaf (D) Tereza Fajksova | 59. | First Hindu-American to enter in the US House of Representative as senator is: (A) Sunita Williams (B) Jyoti Sengupta (C) Ami Bera (D) Tulsi Gabbard |
|-----|--|-----|--|
| 52. | In dicots the pollen-grains possess: (A) two germ pores (B) three germ pores (C) four germ pores (D) one germ pore | 60. | Pick out the correct match: (A) Heshy foods - Calcium and Protein |
| 53. | Acceptable "Noise Pollution Level" in India range between: | | (B) Fish - Starch and Vitamin (C) Milk - Fibre and Minerals (D) Egg yolk - Protein and Fat |
| | (A) 16 - 35 dec (B) 40 - 45 dec (C) 70 - 100 dec (D) 10 - 15 dec | 61. | Who was the Viceroy at the time of Quit India Movement? |
| 54. | Externality theory is the basic theory of the following branch of Economics: (A) Environomics | | (A) Lord Mountbatten (B) Jrd Wavell (C) Lord Lin Lithgow (D) ord Irwin |
| | (B) Fiscal Economics (C) International Economics (D) Macro Economics | 62. | Expand the term IPCC: (A) International Panel of Climate Control (B) Interim Panel of Climate Change |
| 55. | Multi-purpose river valley projects are the "New temples of modern India". The above statement is made by: | | (C) Intergovernmental Panel on Climate Change (D) International Pollution Control Council |
| | (A) Motilal Nehru (B) Mahatma Gandhi | 63. | Who described the Government of India Act, 1935 as a new charter of bondage? (A) Mahatma Gandhi |
| | (C) Rajiv Gandhi (D) Jawaharlal Nehru | | (B) Rajendra Prasad (C) Pt. Jawaharlal Nehru |
| 56. | What type of information system would be recognised by digital circuits? | | (D) B.R. Ambedkar |
| | (A) Binary system (B) Both hexadecimal and binary system (C) Only Roman system (D) Hexadecimal system | 64 | Endosulfan spray on cashew crop resulted in the pollution to the tune of tragedy in: (A) Kerala (B) Andhra Pradesh (C) Karnataka (D) Tamil Nadu |
| 57. | Who was not a politician? (A) LK Gujral (B) S.L Bahuguna | 65. | "Functional Finance" is associated with: (A) Adolph Wogner (B) Adam Smith (C) Adams (D) Abba 'P' Lerner |
| | (C) L Jayalalitha (D) H.N. Báhuguna | 66. | 'Farad' is the unit of : (A) Capacitance (B) Inductance |
| 58. | Who gave the title of "Mahamana" to Madan Mohan Malviva? | 67. | (C) Resistance (D) Conductance |
| | (A) Dada Bhai Naurozi (B) Gopal Krishna Gokhale (C) Mahatma Gandhi (D) Bal Gangadhar Tilak | 67. | Which of the following is an impact printer? (A) Ink-jet printer (B) Bubble-jet printer (C) Laser printer (D) Daisy wheel printer |

| 68. | sulp | hate is: | gen pr | esent in ammonium | 76, | Prize | WISE Prize-2012, also known as the "Nobe e for Education" was conferred by the WISE |
|------|---------|---|---------------|-------------------------|-----|-----------|--|
| | (A) | 21% | (B) | 25% | | | unit in Doha on : |
| | (C) | 30.5% | (D) | 18% | | (A) | Dr. Madhav Chavan |
| 60 | 1300 | effection wild become | | The Cities of | | (B) | Dr. Yash Pal |
| 69. | grou | | amo | ngst the following | | (C) | Dr. M.S. Swaminathan |
| | (A) | Optical fibre | | | | (D) | Dr. APJ Abdul Kalam |
| | (B) | Twisted pair wire | | | 77. | Diar | monds are priced higher than water because : |
| | (C) | Microwaves | | | m | (A) | they are sold by selected firms with |
| | (D) | Coaxial cable | | | | (D) | monopolistic powers. |
| 70. | Who | was the other Conc | roce lo | ader who joined with | | (B) | their marginal utility to buyers is higher than that of water. |
| 10. | | lal Nehru to start th | | | | (C) | their total utility to buyers is higher than tha |
| | (A) | B.G. Tilak | (B) | Chittaranjan Das | ŀ | 3. 1 | of water. |
| | (0) | M.K. Gandhi | (D) | G.K. Gokhale | | (D) | consumers do not buy them at lower prices. |
| 771 | Terror | shish mass of the l | بت ما المحمدا | Constitution the | 78. | Etha | nol containing 5% water is known as: |
| 71, | | amental duties are | | Constitution, the | | (A) | Dilute alcohol |
| | | IVA (B) IVB | | | | (B) | Power alcohol |
| | 6.0 | 11 21 (0) 110 | (-) | , (6) 3, | 1 | (C) | Rectified spirit |
| 72. | | of the following e ster in Union Cabin | | the rank of Cabinet | | (D) | Absolute alcohol |
| | (A) | Judge of Supreme | Court | | 79. | Of the | he following land uses, which is restricted to |
| | (B) | Secretary to Gove | rnmen | t of India | | | cial Economic Zones ? |
| | (C) | Political Advisor | to PM | | | (A) | Educational Institutions |
| | (D) | Deputy Chairman | of Pla | unning Commission | Į. | (B) | Free trade Centres |
| 025 | 2.11 | | | | ľ | (C) | Marketing Centres |
| 73, | | | | agreements during | 1 | (D) | Information Technology Companies |
| | India | i : | | kyo to import from | 80. | The calle | eastward continuation of the Brazil current is |
| | (A) | Rare earth minera | ds | | 1 | (A) | South Atlantic drift |
| | (B) | Basmati type rice | | | 1 | (B) | Counter Equatorial drift |
| | (C) | Rubber based pro | ducts | | | (C) | West Atlantic drift |
| | (D) | Leather goods | | | 1 | (D) | North Atlantic drift |
| 74. | Aun | g San Suu Kyi is a n | ative t | o: | 01 | | Salar Manager States |
| | (A) | China | | | 81. | | most powerful woman in business in India as d by the "Fortune" for the year 2012 is : |
| | (B) | Myanmar | | | | (A) | Prabha Parameswaran |
| | (C) | Arunachal Prade | sh | | | (B) | Debjani Ghosh |
| | (D) | Tibet | | | | (C) | Anjali Bansal |
| Mari | - | market line had b | | Action and the Contract | | (D) | Chanda Kochhar |
| 75. | DP1 | | stered | to prevent diseases | 00 | 100 | tanks and live our word have |
| | TIPLE . | | | | 82. | COIT | munication satellites are used to: |

(A)

(B)

(C)

(D)

receive communication signal only

transmit communication signal only

receive and redirect communication signal

provide information of natural resources only

(A)

(B)

(C)

(D)

Diphtheria, Pertussis and Tetanus

Diphtheria, Pertussis and Typhoid

Dengue, Pertussis and Typhoid

Dengue, Polio and Tetanus

| 83. | What | is the first sermon | of Bude | dha called as ? | 93. | | is more elastic tha | | |
|-----|--------------|-------------------------------------|------------|-------------------------|------|-------|----------------------|-------------|-------------------------------|
| | (A) | Brahmajalasutta | | | | (A) | requires larger de | eforming | g force |
| | (B) | Dhammachakkaj | | asutta | | (B) | is never deforme | d | |
| | (C) | Kachchayanagot | | | | (C) | is deformed very | easily | |
| | (D) | Mahaparinirvan | | | | (D) | is harder than ru | bber | |
| 84. | | e are the Todas for | und? | | | - | non nontract and was | a complete | - the continue is a |
| | (A) | Tamil Nadu | | | 94. | | normone used as a | | |
| | (B) | Rajasthan | S. | | | (A) | Cortisone | (B) | Progesterone |
| | (C) | Arunachal Prade | | | | (C) | Testosterone | (D) | Aldesterone |
| | (D) | Madhya Pradesh | | | OF | Team | showed any nother | on farl | Acid rain is caused |
| 85. | | One Straw Revolu | ition" w | as written by : | 95. | by: | socundary ponui | ion (or) | Acid full is citised |
| | (A) | Richael Carlson | | | | 3.5 | Carbon monoxid | le . | |
| | (B) | M.S. Swaminath | | | | (A) | | ic | |
| | (C) | Norman Borlaug | | | | (B) | Carbon dioxide | | |
| | (D) | Masanobu Fuku | oka | | V 1 | (C) | Hydrocarbon | | |
| 86. | Who | wrote the book "V | | alism" ? | M. 1 | (D) | Nitrogen oxide | and sulp | ohur dioxide |
| | (A) | Mahatma Gandl | | | 96. | Stain | s of rust on clothe | s can be | removed by: |
| | (B) | Acharya Narend | ira Dev | | | (A) | Oxalic acid | (B) | Petrol |
| | (C) | M.N. Roy | | | | 13 0 | Alcohol | (D) | H ₂ O ₂ |
| | (D) | Jayaprakash Na | | | | (C) | Alcohor | (12) | 11202 |
| 87. | Нур | othermia occurs d | ue to lo | ss of excessive heat | 97. | Fron | n which of the fo | lowing | g banks did Madan |
| | | make the second of the second | | ody temperature in: | 100 | Moh | an Malaviya tak | e loans | for financing "The |
| | (A) | Frogs | (B) | Human beings | | Hino | lustan Times" ? | | |
| | (C) | Lizards | (D) | Snakes | | (A) | Punjab Nationa | I Bank | |
| 88. | Sec. 0300431 | disease that has bee | en eradic | ated from the world | | (B) | Bank of Mahara | ishtra | |
| | is: | 427.595 | /T% | POLY AND ARIES | | (C) | Bank of Baroda | | |
| | (A) | Leprosy | (B) | Poliomyelitis Small pox | | (D) | State Bank of In | dia | |
| | (C) | Chicken pox | (D) | 33000 | 155 | 4/34/ | | *********** | vot and the same of the S |
| 89. | | | ice of the | e President must be | 98. | | ch of the followin | | |
| | 7.0000 | d within: | (7) | 12 months | | (A) | Horn bill | (B) | Indian Rhino |
| | (A) (C) | 6 months 1 month | (B) (D) | 3 months | | (C) | Pink head duck | (D) | Nicobar pigeon |
| | -5 | | 1-1 | 50.21.000,5577 | 99. | Bloc | d group was disc | overed b | oy: |
| 90. | | Resident Indians January 9 | (B) | January 17 | Deg. | (A) | | | |
| | (A) (C) | January 19 | (D) | January 7 | | (B) | Landsteiner | | |
| | | | (0) | Juliany 1 | | (C) | Pavlov | | |
| 91, | | od is a: | | | | 17.1 | 2-18/12/2007 | a Charles | |
| | (A) | connective tissu | | | | (D) | Alexander Flen | mig | |
| | (B) | epithelial tissue | | | 100. | "W | nether I earned yo | ur vote | or not, I have listened |
| | (C) | muscular tissue reproductive tis | | | | toy | ou, I have learned | from you | u. You have made me |
| | (D) | | | and the Assemble | 1 | a be | tter President", as | said by | |
| 92. | The | natural disaster | in whi | ch carbon-di-oxide | | (A) | Barack Obama | | |
| | | denly erupts from | a deep | lake water is known | | (B) | George Bush | | |
| | as_ | Lacaustrine | (B) | Fluvial | 1 | (C) | APJ Abdul Kal | am | |
| | (A) | acanstring | | | | | | | |

PART - C

QUANTITATIVE APTITUDE

- 101. A person distributes his pens among four friends A, B, C, D in the ratio $\frac{1}{3}:\frac{1}{4}:\frac{1}{5}:\frac{1}{6}$. What is the minimum number of pens that the person should
 - (A) 57 (B) 65
- $\frac{1}{x^2} + \frac{1}{y^2} + \frac{1}{z^2} = \frac{1}{xy} + \frac{1}{yz} + \frac{1}{zx}$ then the relation

(A) x+y+z=0 (B) x+y=z

- (C) $\frac{1}{x} + \frac{1}{y} + \frac{1}{z} = 0$ (D) x = y = z
- 103. If $a \sin \theta + b \cos \theta = c$ then the value of $a \cos \theta b \sin \theta$
 - (A) $\pm \sqrt{-a^2 + b^2 + c^2}$
 - (B) $\pm \sqrt{a^2 + b^2 c^2}$

102. If $x \neq 0$, $y \neq 0$ and $z \neq 0$ and

- (Q) $\pm \sqrt{a^2 b^2 c^2}$
- (D) $\pm \sqrt{a^2 b^2 + c^2}$
- 104. If $x = a \sec \theta \cos \phi$, $y = b \sec \theta \sin \phi$, $z = c \tan \theta$, then the value of $\frac{x^2}{a^2} + \frac{y^2}{b^2} - \frac{z^2}{2}$ is:
 - (D)
- 105. Mohan gets 3 marks for each correct sum and loses 2 marks for each wrong sum. He attempts 30 sums and obtains 40 marks. The number of sums solved correctly is: (A) 15 (C) 25
- 106. If $\frac{\sec\theta + \tan\theta}{\sec\theta \tan\theta} = \frac{5}{3}$, then $\sin\theta$ is equal to:
 - (A) $\frac{1}{4}$ (B) $\frac{1}{3}$ (C) $\frac{2}{3}$ (D)

The marked price of a watch was ₹ 720. A man bought the same for ₹ 550.80 after getting 2 successive discounts, the 1st being 10%. What was the 2nd discount?

> 14% (B) 15% (C) 18% (D)

Two pipes, P and Q can fill a cistern in 12 and 15 minutes respectively. If both are opened together and at the end of 3 minutes, the first is closed, how much longer will the cistern take to fill?

> (B) $8\frac{1}{2}$ minutes 5 minutes

> (C) $8\frac{1}{4}$ minutes (D) $8\frac{3}{4}$ minutes

The average age of 14 girls and their teacher's age is 15 years. If the teacher's age is excluded, the average reduces by 1. What is the teacher's age?

> (A) 32 years

30 years

29 years

(D) 35 years

110. The square root of $33-4\sqrt{35}$ is:

(A) $\pm (2\sqrt{7} + \sqrt{5})$ (B) $\pm (\sqrt{7} + 2\sqrt{5})$

 $\pm(\sqrt{7}-2\sqrt{5})$ (D) $\pm(2\sqrt{7}-\sqrt{5})$

 The cost of manufacture of an article was ₹ 900. The trader wants to gain 25% after giving a discount of 10%. The marked price should be:

(A) ₹ 1250

₹ 1000

(D) ₹ 1500

Three sides of a triangular field are of length 15 m. 20 m and 25 m long respectively. Find the cost of sowing seeds in the field at the rate of 5 rupees per sq. m.

> (A) 300 (B) 600 (C) 750 (D)

113. If $a^2 + 1 = a$, then the value of $a^{12} + a^6 + 1$ is: (A) (D)

SPACE FOR ROUGH WORK

| 114. | 1/20 other | of wha | t other paying | sare pa and C | aying, I pays 1 | 3 pays /4 th | 1/3rd (| A pays of what others |
|------|---------------|--------|-------------------|------------------|--------------------|-----------------|---------|-----------------------------|
| | (A) | 16 | (B) | 13 | (C) | 14 | (D) | 15 |

- 115. If $a*b = a + b + \frac{a}{b}$, then the value of 12*4 is:
 - (A) 20 (B) 21 (C) 48

- (D) 19

- right-angled (A)
- acute-angled
- obtuse-angled
- (D) equilateral

- (B) 2
- (C)
- (D)

118. If
$$x^2+y^2+z^2=2$$
 $(x-y-z)-3$, then the value of $2x-3y+4z$ is [Assume that x , y , z are all real numbers]:

- (A)

- (D)

119. A swimmer swims from a point A against a current for 5 minutes and then swims backwards in favour of the current for next 5 minutes and comes to the point B. If AB = 100 metres, the speed of the current (in km per hour) is:

- 0.4
- (B)
 - 0.2 (C) 1 (D)

0.6

120. Two circles of same radius 5 cm, intersect each other at A and B. If AB = 8 cm, then the distance between the centres is:

- (A) 6 cm
- (B) 8 cm
- (C) 10 cm
- (D) 4 cm

- ED>CF (A)
- ED L CF
- $ED^2 + CF^2 = EF^2$ (C)
- ED | CF (D)

- The radius of the circumcircle of a right angled triangle is 15 cm and the radius of its inscribed circle is 6 cm. Find the sides of the triangle.
 - (A) 30, 40, 41
- 18, 24, 30
- 30, 24, 25
- 24, 36, 30

174

- 180
- 178 (C)
- (D) 176

found that he had already done $\frac{2}{3}$ of the work. How many men can be discharged now so that the work may finish in time?

- (A) 48 (B) 56 (C) 40 (D) 50

- 125. If the lengths of the sides of a triangle are in the ratio 4:5:6 and the inradius of the triangle is 3 cm, then the altitude of the triangle corresponding to the largest side as base is:
 - 7.5 cm
- 6cm
- 10 cm
- (D) 8 cm

- 50% (A)
- 51.4% approx. (B)
- 54.6% approx.
- (D) 45%

- 128. In a ΔABC, ∠A: ∠B: ∠C = 2:3:4. A line CD drawn | to AB, then the ∠ACD is:
- (B)

20°

- 129 The curved surface area and the total surface area of a cylinder are in the ratio 1:2. If the total surface area of the right cylinder is 616 cm2, then its volume
 - 1232 cm3
- 1848 cm3
- 1632 cm3
- (D) 1078 cm3
- 130. A person observed that he required 30 seconds less time to cross a circular ground along its diameter than to cover it once along the boundary. If his speed was 30 m / minute, then the radius of the circular

ground is (Take $\pi = \frac{22}{7}$):

- 5.5 m
- 7.5 m (B)
- 10.5 m
- (D) 3.5 m
- 131. If a+b+c=0, then the value of

$$\left(\frac{a+b}{c} + \frac{b+c}{a} + \frac{c+a}{b}\right) \left(\frac{a}{b+c} + \frac{b}{c+a} + \frac{c}{a+b}\right)$$

- (D) 0
- A sum of money is sufficient to pay A's wages for 21 days and B's wages for 28 days. The same money is sufficient to pay the wages of both for:
 - (A) $12\frac{1}{4}$ days
- (C) $24 \frac{1}{2} \text{ days}$
- 12 days
- 133. Arvind purchased a wrist watch with 30% discount on the labelled price. He sold it with 40% profit on the price he bought. What was his percent loss on the labelled price?
 - (A)

- (C)
- (D) 8

- ABC is an isosceles triangle with AB = AC. A circle through B touching AC at the middle point intersects ABat P. Then AP: ABis:
 - (A) 4:1 (B) 2:3 (C) 3:5 (D) 1:4

- A man standing in one corner of a square football field observes that the angle subtended by a pole in the corner just diagonally opposite to this corner is 60°. When he retires 80 m from the corner, along the same straight line, he finds the angle to be 30°. The length of the field, in m. is:
 - (A)
- 20√2
- 20
- 136. If a, b, c are non-zero, $a + \frac{1}{b} = 1$ and $b + \frac{1}{c} = 1$, then the value of abc is:
 - -1 (B) 3 (C) -3 (D) 1

- A, B, C walk 1 km in 5 minutes, 8 minutes and 10 minutes respectively. C starts walking from a point, at a certain time, B starts from the same point 1 minute later and A starts from the same point 2 minutes later than C. Then A meets B and C at
 - - $\frac{5}{3}$ min, 2 min (B) 1 min, 2 min
 - 2 min, 3 min
- Value of (tan1° tan2° tan3° ... tan 89°) is:
 - (A)
- (B) 89
- undefined
- (D)
- The greatest common divisor of

$$3^{333} + 1$$
 and $3^{334} + 1$ is:

- (B) 1
- $3^{3^{333}} + 1$
- (D) 20

- 140. The value of a machine depreciates every year at the rate of 10% on its value at the beginning of that year. If the current value of the machine is ₹729, its worth 3 years ago was .
 - ₹ 1000
- ₹ 750.87
- ₹ 947.10
- ₹ 800
- 141. A person bought two bicycles for ₹ 1600 and sold the first at 10% profit and the second at 20% profit. If he sold the first at 20% profit and the second at 10% profit, he would get ₹5 more. The difference of the cost price of the two bicycle was:
 - ₹ 50
- ₹ 40
- ₹ 25
- ₹ 75 (D)
- 142. If $\cos x + \cos^2 x = 1$, the numerical value of $(\sin^{12}x + 3\sin^{10}x + 3\sin^8x + \sin^6x - 1)$ is :
 - (A) -1 (B) 2
- (C) 0
- 143. The price of sugar having gone down by 10%, a consumer can buy 5 kg more sugar for ₹ 270. The difference between the original and reduced price perkgis:
 - 75 paise
- 53 paise
- 62 paise
- 60 paise
- 144. The table given below shows production of five types of cars by a company from the year 1998 to 2003. Study the table and answer question.

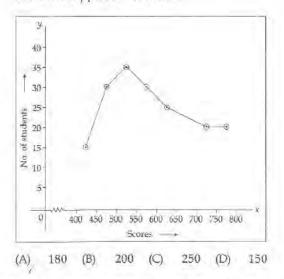
| Years -> | 1998 | 1999 | 2000 | 2001 | 2002 | 2903 | |
|----------|------|------|------|------|------|------|-------|
| Types 🗼 | | | | | | | Total |
| P | 10 | 18 | 16 | 15 | 11 | 18 | 88 |
| Q | 14 | 12 | 13 | 12 | 11 | 14 | 76 |
| R | 16 | 20 | 14 | 13 | 15 | 12 | 90 |
| 5 | 5 | 8 | 12 | .14 | 20 | 31 | 90 |
| T | -26 | 18 | 24 | 20 | 23 | 21 | 132 |
| Total | 71 | 76 | 79 | 74 | 80 | 96 | 476 |

In which year the production of cars of all types taken together was approximately equal to the average of the total production during the period :

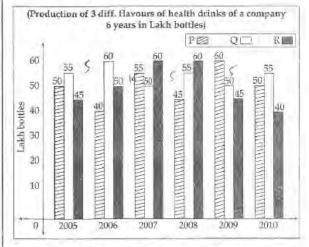
- 1999 (B)
 - 2000 (C)

- 2002 (D)

The adjoining diagram is frequency polygon for the scores of students in a test. What is the total number of students appeared in the test?



A health drink company prepares the drinks of 3 different flavours P, Q, R. The production of 3 flavours over a period of six years has been expressed on bar graph provided below. Study the graph and answer the questions from 146 to 150.



- 146. In which of the following years the percentage of rise or fall in production from the previous year is maximum for the flavour of Q?
 - (A) 2007
- 2009
- 2010 (C)
- (D) 2006

SPACE FOR ROUGH WORK

- 147. The percentage of the total production of flavour R in 2007 and 2008 with respect to the production of flavour P in 2005 and 2006:
 - (A) 102.25%
- (B) 115.35%
- (C) 133,33%
- (D) 97.67%
- 148. The average annual production of which flavour was maximum in the given period?
 - (A) Pand Q both
- (B) Qonly
- (C) P and R both
- (D) Ponly

- 149. What was the approximate decline in the production of flavour R in 2010 as compared to the production of 2008 in percentage ?
 - (A) 43.33%
- (B) 33.33%
- (C) 30,33%
- (D) 53.33%
- 150. What is the difference between the average production of flavour Q in 2008, 2009 and 2010 from that of flavour P in 2005, 2006 and 2007 in Jakh bottle is:
 - (A) 50
- (B) 0.5
- (C) 5.5

35°C

37°C

15:11

15:16

(D) 5

The mean temperature from Monday to Wednesday

was 37°C and from Tuesday to Thursday was 34°C. If the temperature on Thursday was 1/5 th that of

(B)

(D)

A ral takes 5 leaps for every 4 leaps of cal, but

3 leaps of the cat are equal to 4 leaps of the rat. What is the ratio of the speed the rat to that of the cat?

36°C

34°C

16:15

11.15

Monday, the temperature on Thursday was:

FOR VISUALLY HANDICAPPED CANDIDATES ONLY.

148.

- 144. If a+b+c, $p \neq 0$ and (a+b+c) p = (b+c-a) $q = (c+a-b) r = (a+b-c)s \text{ then } \frac{1}{q} + \frac{1}{r} + \frac{1}{s} \frac{1}{p}$ is:
 - (A) -1
- (B) U
- (C) a+2b+3c
- (D)
- 145. Which number should replace both the asterisks in

$$\left(\frac{21}{*}\right) \times \left(\frac{189}{*}\right) = 1.7$$

- (A) 63
- (B) 189
- (C) 467
- (D) 21
- 149. A sells a bicycle to B at a profit of 20%. B sells it tu C at a profit of 25%. If C pays ₹ 225 for it, the cost price (in ₹) of the bicycle for A is:
 - (A) 120

(C)

- (B) 125
- (C) 150
- (D) T10

- 146. A buys an article for ₹ 1600 and gets two successive discounts of 20% and 10%. He spends 20% on its repairs and sells at a profit of 25%. The selling price of the article is:
 - (A) ₹ 1850
- (B) ₹ 1690
- (C) ₹ 1728
- (D) ₹ 2030
- 150. The distance between two towns is 800 km. A car starts from the first town with a speed of 30 km/hr. At the same time, another car starts from the second town with a speed of 50 km/hr. The distance (in km) of the point where they meet from the first town is:
 - (A) 300
- (B) 400
- (C) 500
- (D) 200

PART - D

ENGLISH COMPREHENSION

| Direc | tions: In question numbers 151 to 155, some parts of | 159 | Our | monthly expend | iture | by five |
|--------|--|-----------|------------|--|------------|----------------------|
| | ntences have errors and some are correct. Find out | 40.21 | hund | red rupees when v | ve decid | ed to buy milk from |
| | part of a sentence has an error and blacken the | | | ilkman. | | 4000 7.4000400000 |
| | corresponding to the appropriate letter (A, B, C). | | (A) | shot up | (B) | got up |
| If a s | sentence is free from error, blacken the oval sponding to (D) in the Answer Sheet. | | (C) | lifted up | (D) | grew up |
| | My sister asked me / that how long / | 160. | Hen | as not a man | | intelligence, |
| | (A) (B) | 1,000 | (A) | lacking of | (B) | devoid of |
| | I would stay there. / No Error. (C) (D) | | (C) | absent of | (D) | empty of |
| 150 | The teacher, as well as the students. / | Direc | lions | In question nun | abers 16 | 1 to 163, out of the |
| 152, | (A) | | | | | h best expresses the |
| | have gone on an excursion / | | | | | in the Answer Sheet. |
| | (B) | 101. | | ents are asked it ramme by the prin | | for an important |
| | to Oooty during their summer vacation. / No Error. | | (A) | describe | (B) | narrate |
| | (C) (D) | | (C) | prescribe | (D) | assemble |
| 153. | The US / don't want / India in the Security Council./ | | 101 | presente | (2) | abbettere |
| 155. | (A) (B) (C) | 162. | Adv | ocate: | | |
| | No Error | | (A) | pronounce | (B) | support |
| | (D) | | (C) | determine | (D) | predict |
| 154. | The cruel lady made / her step-daughter to do / | | | | | |
| 1021 | (A) (B) | 163. | | mble | era. | - 10 at 5 av. 5 |
| | all the household chores. / No Error. | | (A) | mediation | (B) | conclusion |
| | (C) (D) | | (C) | introduction | (D). | definition |
| 155. | | | | | | 4 to 166, choose the |
| | (A) (B) | | | | the give | en word and mark it |
| | at the newly lunch bar. / No Error. (C) (D) | 2 2 2 2 4 | | ver Sheet. | | |
| ~ ** | 1-3 | 164. | War (A) | conscientious | (B) | daring |
| | etions: In question numbers 156 to 160, sentences are with blanks to be filled with an appropriate word (s). | | (C) | thrifty | (D) | rash |
| | alternatives are suggested for each question. Choose | 100 | 4 7 | to commen | | |
| | orrect alternative out of the four and indicate it by | 165, | | niguous: | (B) | clear |
| black | ening the appropriate oval [] in the Answer Sheet. | | (A) (C) | plain simple | (D) | easy |
| 156. | the people looked well enough, but | | (0) | Shirple | Tol | Сигу |
| | when one looked more closely one saw that their | 166. | Acce | olade: | | |
| | faces were filled with despair. | 27.5 | (A) | blame | (B) | reticent |
| | (A) At first looking (B) At first observation (C) On first sight (D) At first sight | | (C) | decorate | (D) | permeate |
| 157. | He was assured by his friends every | Dire | ctions | · In question n | umbers | 167 to 171, four |
| 2011 | type of help in an emergency. | alter | native | s are given for the | ldiom\ | Phrase underlined. |
| | (A) by (B) of | Cho | ose the | alternative which | bestex | presses the meaning |
| | (C) with (D) about | of th | e Idior | n\Phrase and mar | k it in th | e Answer Sheet |
| 158. | The work, he left his office. | 167. | | lay second fiddle. | | |
| 100+ | (A) having completed | | (A) | | | e of one's senior |
| | (B) having been completed | | (B) | take a subordina | | |
| | (C) on being finished | | (C) | to do back seat o | | A Constitution |
| | (D) having been over | | (D) | to be happy, cho | erful an | d healthy |
| | AND THE PERSON OF THE PERSON | 1 | | | | |

| | Inno+ | broke a dinin he music when | g-room wi | of home |
|-----------------|---|---|--|--|
| | | listen carefully | | of none. |
| | (A) | | | |
| | (B) | ask a lot of que | | |
| | (C) | listen to music | | |
| | (D) | accept the pur | isnment | |
| 169. | Villa | gers always <u>call</u> | | |
| | (A) | to speak in a s | | ard manner |
| | (B) | to call someon | | |
| | (C) | to speak ill abo | | ie |
| | (D) | to speak abou | spades | |
| 170. | Lam | out of my wits a | nd therefor | e cannot find a way |
| | | ve the problem | | |
| | (A) | greatly confus | ed | |
| | (B) | helpless with | ut power | |
| | (C) | totally ignora- | nt | |
| | (D) | not intelligent | enough | |
| 171. | Why | are you jumpii | ng down m | ny throat ? I wasn't |
| 212 | even | in the house w | nen it happ | ened. |
| | (A) | making a joke | | scolding me |
| | (C) | forcing me to | | running away |
| | 1.10131 | na (C) which ma | v unprove i | |
| the c | orrect answ He r | alternative. In c er is (D). nay have grown from when I l since I last sa | ase no imp taller <u>whe</u> ast saw hin w him | he sentence. Choose rovement is needed en Hast saw him. n |
| the c | Answer (A) (B) (C) | alternative, In o er is (D). nay have grown from when II since I last sa before I lasts | ase no imp taller <u>whe</u> ast saw hir w him aw him | rovement is needed on I last saw him. |
| the c | orrect answer Herr (A) (B) | alternative, In o er is (D). nay have grown from when II since I last sa before I lasts | ase no imp taller <u>whe</u> ast saw hir w him aw him | rovement is needed en Hast saw him. |
| the c | (A) (B) (C) (D) | alternative, In our is (D). nay have grown from when I least sate before I last sate No improven the crossing the | ase no imp taller <u>whe</u> ast saw hir w him aw him aent highway, a | rovement is needed on I last saw him. n |
| the c | (A) (B) (C) (D) | alternative, In our is (D). nay have grown from when II since I last sate before I lasts. No improven the knocked out by | ase no imp taller <u>whe</u> ast saw hir w him aw him aent highway, a | rovement is needed on I last saw him. n in five year old child car. up |
| the c | (A) (B) (C) (D) White | alternative, In our is (D). nay have grown from when II since I last sate before I lasts. No improven the knocked out by | ase no imp taller whe ast saw hir w him aw him tent highway, a a passing | rovement is needed on I last saw him. n in five year old child car. up |
| the c | orrect answer (A) (B) (C) (D) Whit was (A) (C) | alternative, In our is (D). nay have grown from when II since I last sate before I lasts. No improven the knocked out by away. | ase no imp a taller whe ast saw him aw him aw him aent highway, a a passing (B) (D) | n l last saw him. In five year old child car. In No improvement |
| the c your 172. | orrect answer (A) (B) (C) (D) Whit was (A) (C) | alternative, In cer is (D). nay have grown from when II since I last sa before I lasts. No improven le crossing the knocked out by away down are looking forw looking forw | ase no imp ataller whe ast saw hir w him aw him highway, z a passing (B) (D) and to see | rovement is needed on I last saw him. In five year old child car. up No improvement you tomorrow. |
| the c your 172. | orrect answired (A) (B) (C) (D) White was (A) (C) | alternative, In cer is (D). nay have grown from when II since I last sa before I lasts. No improven le crossing the knocked out by away down are looking forw looking forw looking forw | ase no imp a taller whe ast saw hir w him aw him highway, z a passing (B) (D) and to see | rovement is needed in I last saw him. In five year old child car. up No improvement you tomorrow. Is seeing |
| the c your 172. | (A) (B) (C) (D) White was (A) (C) (C) (D) White was (A) (C) (C) | alternative, In cer is (D). nay have grown from when II since I last sa before I lasts. No improven le crossing the knocked out by away down are looking forw looking forw | ase no imp a taller whe ast saw hir w him aw him highway, z a passing (B) (D) and to see | rovement is needed on I last saw him. In five year old child car. up No improvement you tomorrow. Is seeing |
| the c your 172. | (A) (B) (C) (D) White was (A) (C) (C) (D) White was (A) (C) (B) | alternative, In cer is (D). nay have grown from when II since I last sa before I lasts. No improven le crossing the knocked out by away down are looking forw looking forw looking forw | ase no imp I taller whe ast saw hir w him aw him highway, a a passing (B) (D) Vard to see y ard to seei ard to seeir | rovement is needed in I last saw him. In five year old child car. up No improvement you tomorrow. Is seeing |

| 76. | The v | | eni at ge | tting what is due to |
|-----------------|------------------------------------|---|-----------------------------------|---|
| | (A). | | ing | |
| | | hell bent for get | | |
| | (C) | hell bent upon g | | |
| | (D) | No improvemen | | |
| 77. | | | ourse, he | did not touch that |
| | роіп | | (10) | touch in |
| | 4 | touch upon | 4.7 | |
| | (C) | touch of | 0. 0 | No improvement |
| 78. | They | | | he not eat his lunch, |
| | (A) | why not had he | | |
| | (B) | | | |
| | (C) | | | |
| | (D) | No improvemen | nt | |
| 179. | Hey | vho will bid the h | ighest wi | ll get the product. |
| | (A) | who bids the hi | | |
| | (B) | who the highes | t bids | |
| | (C) | who would bid | the high | est |
| | (D) | No improveme | | |
| 180. | II he | had time he will | call you. | |
| | (A) | would have | (B) | would have had |
| | (C) | has | (D) | No improvement |
| 181. | John | had told me that | he hasn' | i done it vet. |
| | (A) | | (B) | tells |
| | (C) | was telling | (D) | No improvement |
| four for the | altern ne give ipprop A g | atives, choose the en words / sentend oriate oval [] eneral pardon gr | one whice and ind in the An | 32 to 188, out of the ch can be substituted licate it by blackening swor Sheet. the Government to |
| | | tical offenders. | (B) | Honesty |
| | (A) | Excuse | (D) | |
| | (C) | Annesty | (12) | L GLOOT |
| 183. | One | who hates wome | | 7.10 |
| | (A) | Misogamist | (B) | Ambivert |
| | (0) | Misanthrope | (D) | Misogynist |
| 184. | One | who cannot be o | orrected: | |
| | (A) | Incorrigible | (B) | Hurdened |
| | (C) | Invulnerable | (D) | Incurable |
| | Δc | chool boy who cu | ts classes | frequently is a: |
| 185 | | we sold the country of the same | | |
| 185. | | | (B) | Truant |
| 185. | (A) | Sycophant | (B) (D) | |
| | (A) (C) | Sycophant Martinet | (D) | |
| 185. | (A) (C) | Sycophant | (D) | |

Schedule

Travelogue

(B)

(D)

(A)

(C)

Travel kit

Itinerary

(A)

have waited

(C) were waiting

(B)

have been waiting

(D) No improvement

- 187. Stealing of ideas or writings of someone else.
 - (A) scepticism
- (B) mesmerism
- (C) plagiarism
- (D) autism
- 188. A person who consumes human flesh:
 - (A) Javage
- (B) Captor
- (C) Carnivore
- (D) Cannibal

Directions: In question numbers 189 and 190, four words are given in each question, out of which only one word is correctly spelt. Find the correctly spelt word and mark your answer in the Answer Sheet.

- The laboratories are _____ with high-tech electronic gadgets.
 - (A) equpped
- (B) eqiuped
- (C) equepped
- (D) equipped
- Software companies have ushered in ____ culture along with advanced technology.
 - (A) foreegn
- (B) forigen
- (C) foreign
- (D) foriegn

Directions: In question numbers 191 to 200, you have two passages with 5 questions in each passage. Read the passages carefully and choose the best answer to each question out of the four alternatives and mark it by blackening the appropriate oval [) in the Answer Sheet.

Passage - I (Question numbers 191 to 195):

The World Health Organisation is briefly called W.H.O. It is a specialised agency of the United Nations and was established in 1948.

International health workers can be seen working in all kinds of surroundings: in deserts, jungles, mountains, coconut groves, and rice fields. They help the sick to attain health and the healthy to maintain their health.

This global health team assists the local health workers in stopping the spread of what are called communicable diseases, like cholera. These diseases can spread from one country to another and so can be a threat to world health.

W.H.O. assists different national health authorities not only in controlling diseases but also in preventing them

altogether. Total prevention of diseases is possible in a number of ways. Everyone knows how people, particularly children, are vaccinated against one disease or another. Similarly, most people are familiar with the spraying of houses with poisonous substances which kill disease-carrying insects.

- 191. "It is a specialised agency of the United Nations and was established in 1948." Here specialised means:
 - (A) expert
 - (B) extraordinary
 - (C) uncommon
 - (D) made suitable for a particular purpose
- 192. "Total prevention of diseases is possible in a number of ways". The author has given illustrations of:
 - (A) only two such ways
 - (B) only one such way
 - (C) more than two such ways
 - (D) none of these ways
- 193. "International health workers can be seen working in all kinds of surroundings: in deserts, jungles, mountains, coconut groves, and rice fields". Here International means:
 - (A) drawn from all countries of the world
 - (B) believing in cooperation among nations
 - (C) belonging to an organisation which has something to do with different nations.
 - (D) belonging to the whole world
- 194. "W.H.O. assists different national health authorities not only in controlling diseases but also in preventing them altogether". The above sentence implies that:
 - (A) W.H.O. assists more in preventing diseases than in controlling them.
 - (B) W.H.O. assists in controlling diseases only if they have not been prevented.
 - (C) W.H.O. assists both in controlling diseases and in preventing them.
 - W.H.O. assists many others in addition to the national health authorities.
- 195. "They help the sick to attain health and the healthy to maintain their health". Here they stands for:
 - (A) rice fields
 - (B) international health workers
 - (C) jungles
 - (D) deserts

Passage - II (Question numbers 196 to 200):

Why don't I have a telephone? Not because I pretend to be wise or pose as unusual. There are two chief reasons; because I don't really like the telephone, and because I find I can still work and play, eat, breathe, and sleep without it. Why don't Hike the telephone? Because I think it is a pest and time waster. It may create unnecessary suspense and anxiety, as when you wait for an expected call, that doesn't come; or irritating delay, as when you keep ringing a number that is always engaged. As for speaking in a public telephone booth, it seems to me really horrible. You would not use it unless you were in a hurry, and because you are in a hurry, you will find other peoplewaiting before you. When you do get into the booth, you are half suffocated by the stale, unventilated air, flavored with cheap face-powder and chain smoking; and by the time you have begun your conversation your back is chilled by the cold looks of somebody who is moving about restlessly to take your place,

If you have a telephone in your house, you will admit that it tends to ring when you least want it to ring; when you are asleep, or in the middle of a meal or a conversation, or when you are just going out, or when you are in your bath. Are you strong minded enough to ignore it, to say to yourself. "Ah well, it will be all the same in hundred years time". You are not. You think there may be some important news or message for you. Have you never rushed dripping from the bath, of chewing from the table, or dazed from bed, only to be told that you are a wrong number? You were told the truth. In my opinion all telephone numbers are wrong numbers. If, of course, your telephone rings and you decide not to answer it, then you will have to listen to an idiotic bell ringing and ringing in what is supposed to be the privacy of your own home. You might as well buy a bicycle bell and ring it yourself.

- 196. The author does not have a telephone because:
 - (A) he poses as unusual
 - (B) he would prefer to do something else
 - (C) he thinks that it can create unnecessary suspense and anxiety.
 - (D) he pretends to be wise
- 197. ' your back is chilled by the cold looks of somebody' means:
 - (A) you feel cold at the back
 - you feel uneasy because the person next in the queue looks at you restlessly
 - (C) people are very cold
 - (D) others look at you angrily
- 198. 'All telephone numbers are wrong numbers', because:
 - (A) the author always gets wrong calls
 - (B) whenever he tries it always goes wrong.
 - (C) he doesn't give much importance to telephone and telephone numbers.
 - (D) none of the statements given above.
- 199. 'Ah well, it will be all the same in hundred years time'. This sentence means:
 - (A) Things have not changed for the past 100 years.
 - (B) Things will remain the same for 100 years to come.
 - (C) One should be strong minded.
 - (D) Nothing is going to change even if you don't answer the telephone bell.
- 200. He hates speaking in a public telephone booth because:
 - (A) he is suffocated by the stale, unventilated air, flavoured with cheap face powder and chainsmoking.
 - (B) others look at him angrily
 - (C) the other side may not know your number
 - (D) it is costlier

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