STATE BANK OF INDIA

PROBATIONARY OFFICERS (MAINS) – MODEL PAPER

No. of Questions: 155   **Maximum Marks: 200**   **Time: 3 hours**

ENGLISH LANGUAGE

Directions (Q.1 – 10): Read the following passage carefully and answer the questions. Certain words/ phrases are given in bold to help you locate them while answering some of the questions.

The American public sphere is blessed with many religious experts. In the midst of the Syrian refugee crisis, pundits reminded us that Christianity enjoins the welcoming of refugees. Many of the same people, it turns out, are also deeply familiar with Islam, allowing them to piously intone that it is a 'religion of peace'. These claims often come from people who are not themselves affiliated with those faiths or any other: they are political interventions **masquerading**, sometimes insultingly, as **exegesis**. They serve an important function, however, as a form of wish fulfilment. If these pat, nervous descriptions of long and complex religious traditions were true, the age-old problem of religion in the square could vanish into a puff of banalities. Peace and refuges assistance are perfectly good secular, progressive goals, and it would be convenient if Christianity and Islam, which long antedate secular progressivism, happened to enjoin the same things. Alas, the world is not so simple. But what, then, are to do? What should we expect from religion in a secular society?

The conservative position on religiosity has the virtue of coherence: America, from this perspective, is a Christian nation. Even if other religions should be tolerated in the name of Christian charity, they should cede pride of place to America's exceptional Christian heritage. Progressives have a much more difficult time, and we **ricochet** between contradictory and unsustainable positions. On the one hand, religion is transparently absurd, but on the other the triumphant atheism of Richard Dawkins is embarrassing, too. When someone such as Kim Davis forces us to confront difficult issues of law and faith, we often have recourse of uncomfortable mockery, unsure why it is wrong to disobey political authority in the name of individual conscience. The old Marxist account of religion as an "opiate of the people" survives, too, in the conventional wisdom that evangelical voters cling to guns and religion because they are distracted from their true economic interests. These attempts to sidestep the question of religion's role are dangerous but understandable. The great philosopher Richard Rorty once sighed that religion was a conversation-stopper: If someone claims to be acting for religious, what is there to say? If he were alive today, he would know that if we cease talking about religious we start shouting about it.

For decades, the persistence of religious violence and discrimination was largely outsourced to social scientists, who told us that religious would either vanish altogether or become privatized as societies industrialized. As these predictions have proven faulty, scholars have been going back to the drawing board. In the last year, there have appeared a number of books eager to help us out of this **quandary**: What, they ask, is the proper place of religion in a democratic society? How can people live together if they have fundamental, irreconcilable beliefs about the nature of the universe?

One answer is to simply declare outright that there is no such place. This is not at all a new position, but previous attempts to police the public sphere in this way have proven both politically and intellectually ineffective. The political theorist Carlo Invernizzzi Accetti's bracing new book, Relativism and religion: Why Democratic Societies Do Not Need Moral Absolutes, provides a novel and powerful approach. Accetti does not simply dismiss religion in the name of a secular, rationalist of ethics or democratic legitimacy. He would not try to prove Kim Davis wrong and explain why marriage law should be secular. Instead, he argues that only a revived form of philosophical relativism can get us out of the secular-religious bind. He takes religious arguments very seriously, and devotes a good portion of the book to a patient reconstruction of the Roman Catholic arguments against relativism. He thinks that religious critics of relativism are wrong, but in the process he makes the more startling claim that secular critics of relativism are wrong, too.

R-24,25,26,27-5-17

1. Why according to Richard Rorty is religion a 'conversation stopper'?

   Choose the most appropriate option.

   1) Because, we turn violent when talking about religion.

   2) Because, people do not like to talk about religion.

   3) Because, people do not argue against religious claims.

   4) Because, there is very less scope of a productive and fruitful discussion if someone asserts religion to be the reason for his actions.

   5) Because people are afraid of the repercussions they could face for arguing against the religious claims.

2. According to the given passage, why are progressives having a much more difficult time?

   1) Because, they ricochet between contradictory and unsustainable positions

   2) Because, they are in a dilemma of whether to follow religion or atheism.

   3) Because, they find philosophies of religion absurd.

   4) Because, they have been coerced to follow the religion

   5) Because, they are not sure about the presence of god.

3. What is the approach provided by C.I Accetti's bracing new book?

   1) He dismisses religion in the name of a secular, rationalist form of ethics or democratic legitimacy.

   2) He tries to justify the need of a secular marriage law to strengthen the bond between religion and secularism.

   3) He advocates the need of a realization that only philosophy can ensure a strong bond between religion and secularism

   4) He supports the revival of political relativism to ensure a strong bond between religion and secularism.

   5) He supports a revived form of philosophical acceptance to ensure a strong bond between religion and secularism.

4. According to the given passage, who makes the "claims" like Christianity enjoins refugees and supports refugees to intone that Islam is a religion?

   1) Honest politician

   2) Public Masqueraders

   3) Atheists

   4) Political Hypocrites and opportunists

   5) Not given in the passage

5. According to the given passage, why does Marxist calls religion an "opiate of the people"?

   1) Because, theists have a tendency to turn violent whenever anyone

   2) Because, they indulge so much in devotion that they forget about even their own benefits.

   3) Because, devotees are generally addicted to god the way an addict is addicted to opium.

   4) Because, orthodox voters resort to violence, keeping their economic interests at bay.

   5) Because, evangelical voters cling to violence and unfair means in order to ensure that the candidate supported by them wins.

6. According to the given passage, what are the predictions that have proven out to be faulty?

1) Predictions about the destruction of the world.

2) Predictions about the personalization of the religions resulting in its banishment.

3) Predictions about the industrialization of religion resulting in its banishment

4) Predictions about the persistence of religious violence and discrimination in the society.

5) None of these

Directions (Q.7 – 8): Choose the word/ group of words which is MOST SIMILAR in meaning to the word/ group of words printed in bold as used in the passage.

7. QUANDARY

    1) Confusion   2) Certainty   3) Predicament   4) Fortunate

    5) Advantage

8. RICOCHET

    1) Yank   2) Speed up   3) Shine   4) Recoil

    5) Dangle

Directions (Q. 9 – 10): Choose the word/ group of words which is MOST OPPOSITE in meaning of the word/ group of words printed in bold as used in the passage.

9. MASQUERADING

    1) Attitudinize   2) Mask   3) Revel   4) Reveal

    5) Posture

10. EXEGESIS

    1) Analysis   2) Benefaction   3) Benediction   4) Insult

    5) Accolade

Directions (Q.11 – 20): In the following passage there are blanks, each of which has been numbered. These numbers are printed one of which fits the blank appropriately. Find out the approximate word in each case.

India has become, in purchasing power parity terms, the fourth largest economy in the world. India's economic **..(11)..** since 1980 has been among the **..(12)..** rapid. As India managed its one incipient crisis the early 1990s, it avoided the catastrophic losses **..(13)..** while many **..(14)..** that exposing India's economy to global competition would reveal India's economic **..(15)..** it has rather revealed strengths and often unexpected strength in new areas no planner would **..(16)..** of, India is increasingly taking its **..(17)..** on the global stage and in international forums as a 21st century superpower.

The generations of politicians and policy makers who have been **..(18)..** of leading India to where it is today can be justifiable **..(19)..** of the transformation. But achievements create new **..(20)..** two of which are improving service delivery, particularly to the poor, though greater accountability and expanding the benefits of rapid growth across sectors, regions and people.

11.   1) decline   2) policy   3) crisis   4) treaty

    5) growth

12.   1) several   2) very   3) most   4) much

    5) so

13.   1) end   2) deterioration   3) thus   4) together

    5) elsewhere

14.
1) asker
2) feared
3) think
4) spoke
5) believe

15.
1) growth
2) space
3) gain
4) weakness
5) void

16.
1) questioned
2) dreamed
3) arranged
4) plan
5) wanted

17.
1) matter
2) place
3) life
4) generation
5) mark

18.
1) part
2) issues
3) humans
4) figment
5) thought

19.
1) worried
2) angry
3) honoured
4) distinguished
5) pound

20.
1) impossibilities
2) evaluations
3) challenges
4) comparisons
5) dangers

Directions (Q.21 – 25): In the following questions, a sentence has been given with some of its parts in bold. To make the sentence grammatically correct, you have to replace the bold part with the correct alternative given below. If the sentence is correct as it is, give (5) as your answer (i.e. No correction required).

21. Even less intelligent students can **be succeeded** through hard work and perseverance.

1) get succession
2) be successfully
3) get success
4) be getting succeeded
5) No correction required

22. Rahul as well as his friends **talk more then** others.

1) talk more than
2) has been talking much more than
3) talks more than others
4) have talked
5) No correction required

23. Being a man of principle, he refused to **follow the illegitimate** instructions.

1) following the illegitimate
2) to following the illegitimately
3) to follow the illegitimately
4) Not to follow the illegitimately
5) No correction required

24. The active learning of adulthood is not **only possible but infinitely and** desirable.

1) only possible but also infinitely
2) only possible but also infinite and
3) possible only if infinite
4) only possible but infinitely
5) No correction required

25. This is one of the most remarkable stories **that has been told** so far.

1) which has been told
2) that has been telling

3) that have been told
4) which are told

5) No correction required

Directions (Q.26 – 30): Read each sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is "No error", the answer is (5). (Ignore errors of punctuation, if any.)

26. When the father (1)/ took charge of the (2)/ situation, all the children (3)/ shook in their shoes. (4)/ No error (5).

27. I had just reached a hostel which (1)/ was inaugurated by the Prime Minister (2)/ when my mother called me to bring some mangoes (3)/ while coming back home. (4)/ No error (5).

28. The youth (1)/ is the time (2)/ when the seeds of (3)/ wisdom are sown. (4)/ No error (5).

29. The economic structure of Indian household (1)/ is such that girls are required to help (2)/ in household work and also (3)/ performs their chores. (4)/ No error (5).

30. The invention of the modern (1)/ gadgets like mobile phone, microwave, etc (2)/ have not been without any affect, (3)/ concluded the new study. (4)/ No error (5).

Directions (Q.31 – 35): Rearrange the given eight sentences (A), (B), (C), (D), (E), (F), (G) and (H) in a proper sequence so as to form a meaningful paragraph and then given questions.

A) Ludwig originally studied engineering, first in Berlin and then in Manchester, where he became interested in the design of aeroplane propellers. At this time he developed a deep interest in mathematics and its foundations.

B) Wittgenstein was born in 1889 into one of Austria's richest families. His father was a self-made industrialist who built his fortune iron and steel; his mother came from a Prague Jewish family.

C) Evan the life of Martin Heidegger, with his controversial Nazi connections and his later attempt to live authentic of peasant, looks dull and suburban by comparison.

D) Ludwig was the youngest of eight siblings –he had three sisters and four brothers committed suicide.

E) The fourth, Paul, was a concert pianist who lost right arm in the First World War and later commissioned works for the left hand from Ravel, Prokofiev, Paul Hindenith and Erich Korngold.

F) Among all twentieth-century thinkers, Ludwig Wittgenstein stands out as the one whose life fascinates almost as much as his work does.

G) Wittgenstein had a huge impact on the intellectual scene there, but throughout his life he claimed to dislike Cambridge and preferred to spend time writing and thinking in remote, isolated places.

H) Having studied the ground-breaking works of philosophy of mathematics by Bertrand Russel and Gottlob Frege, he visited Frege in Jena who advised him to study with Russell in Cambridge.

31. Which of the following should be the **FOURTH** sentence after the rearrangement?

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

5) E

32. Which of the following should be the **SECOND** sentence after the rearrangement?

1) C   2) B   3) F   4) D

5) E

33. Which of the following should be the **SIXTH** sentence after the rearrangement?

1) E   2) D   3) B   4) A

5) F

34. Which of the following should be the **SEVENTH** sentence after the rearrangement?

1) E   2) G   3) B   4) F

5) H

35. Which of the following should be the **LAST (EIGHT)** sentence?

1) A   2) G   3) B   4) H

5) E

REASONING & COMPUTER APTITUDE

36. .... can interpret voice data into words that can be understood by the computer.

1) speech input hardware   2) talking software

3) word recognition software   4) speech recognition software

5) None of these

37. A touchpad responds to ....

1) light   2) pressure

3) clicking   4) the sense of heat from fingertips

5) None of these

38. What is the term of calculations used within spreadsheets?

1) analyses   2) ranges

3) formulas   4) recalculations

5) None of these

39. This is a set of value that you want to chart in Excel.

1) Object   2) Numbers

3) Data Mart   4) Data series

5) None of these

40. Before you can begin using e-mail, you must have a(n) ....

1) Browser   2) Account

3) Server   4) Scanner

5) None of these

41. Until a computer can recognize handwriting, and input device must ....

1) store the information in secondary storage

2) optimize the information

3) digitize the information

4) show the information of a screen

5) None of these

42. The pointing device that comes built into a laptop computer can be any except a ....

1) mouse   2) trackball

3) touchpad   4) pointing stick

5) None of these

43. How are data organized in a spreadsheet?

1) Lines and spaces   2) Layers and planes

3) Height and width   4) Rows and columns

5) None of these

44. .... software allows users to perform calculations, on.

1) Word processing   2) Presentation graphics

3) Database management systems   4) Electronic Spreadsheet

5) None of these

45. F7 key is short cut to launch which feature in MS-Word?

1) Word Count   2) Spelling & Grammar

3) Mail Merge   4) Translate

5) None of these

46. Margins option is associated with which menu item?

1) Review   2) Page Layout

3) Insert   4) View

5) None of these

47. .... is created to assign a name to a specific point in a document?

1) Book mark   2) Table

3) Cover page   4) Margin

5) None of these

48. Pointing to a girl in the photograph, Amar said, 'Her mother's brother is the only son of my mother's father.' How is the girl's mother related to Amar?

1) Mother   2) Sister   3) Aunt   4) Grandmother

5) None of these

49. In following alphabet series, one term missing as shown by question mark. Choose missing term from options.

DF, GJ, KM, NQ, RT,?

1) UW   2) YZ   3) XZ   4) UX

5) YA

50. A man is facing north. He turns 45 degree in the clockwise direction and then another 180 degree in the same direction and then 45 degree in the anticlockwise direction. Find which direction he is facing now?

1) North   2) East   3) West   4) South

5) North west

51. If the animals which can walk are called swimmers, animals who crawl are called flying, those living in water are called snakes and those which fly in the sky are called hunters, then what will a lizard be called?

1) Swimmers   2) Snakes   3) Flying   4) Hunters

5) None of these

52. Complete the analogous pair.

Scribble : Write : : Stammer : ?

1) Walk   2) Play   3) Speak   4) Dance

5) Sing

53. Choose the analogous pair.

Defunct : Life

1) Stagnant : Motion   2) Orderly : Pattern

3) Arid : Desert   4) Obese : Weight

5) Optimistic : Hopeful

54. Complete the analogous pair

1 : 1 : : 25 : ?

1) 26   2) 125   3) 240   4) 625

5) 676

55. Arrange the following in a logical order :

A. Euphoria   B. Happiness

C. Ambivalence   D. Ecstasy

E. Pleasure

1) A, D, B, E, C   2) B, A, C, D, E   3) C, B, E, A, D   4) D, A, C, B, E

5) E, C, B, A, D

Directions (Q.56 – 60): Study the following information carefully and answer the questions that follow.

Seven persons A, B, C, D, E, F and G are teaching seven subjects History, Geography, Physics, Chemistry, Maths, Biology and English from Monday to Friday. Each person teaches a different subject and not more than two subjects are taught on any one of the days.

★ Chemistry is taught by B on Tuesday.

★ D teaches on Friday but neither Geography nor Physics.

★ F teaches History but neither Thursday nor on Friday.

★ A teaches English on the day on which History is taught.

★ C teaches Maths on Monday.

★ Geography and Chemistry are taught on the same day.

★ G teaches on Thursday.

56. English is taught on which of the following days?

1) Wednesday   2) Monday   3) Tuesday   4) Data inadequate

5) None of these

57. Which of the following subjects is taught by 'G'?

    1) Biology　　　　2) Geography　　　　3) Physics　　　　4) Chemistry

    5) None of these

58. Geography is taught on which of the following days?

    1) Monday　　　　2) Tuesday　　　　3) Wednesday　　　　4) Thursday

    5) Friday

59. Which subject is taught on Friday?

    1) Physics　　　　2) History　　　　3) Geography　　　　4) Biology

    5) None of these

60. Which of the following pairs of persons teaches on Tuesday?

    1) B and D　　　　2) A and B　　　　3) B and F　　　　4) B and C

    5) E and B

Directions (Q. 61 – 65): Study the following information carefully and answer the given questions:

P, Q, R, S, T, V, W and X are eight persons. Each is a professor of a different subject, viz. Maths, Physics, Hindi, English, Geology, Zoology, Botany and History. Each of them pursues a different hobby, viz. Singing, Music, Poetry, Shayari, Painting, Tracking, Cooking and Swimming, but not necessarily in the same order. P, who likes Cooking, is a professor of neither History nor Geology. Q is a professor of English and does not like either Singing or Poetry. The one who is a professor of Maths likes Shayari. The one who likes Swimming is a professor of Physics and the one who is a professor of Botany likes Music. X doesn't like Painting. T and V like Music and Tracking, though not necessarily in the same order. S likes Swimming. W is a professor of Zoology and doesn't like Singing. The one who is a professor of Geology likes Tracking. R is not a professor of History. The one who is a professor of Hindi doesn't like either Poetry or Painting.

61. Who among of the following likes Singing?

    1) X　　　　2) W　　　　3) S　　　　4) T

    5) None of these

62. Who among of the following is a professor of History?

    1) S　　　　2) T　　　　3) X　　　　4) W

    5) None of these

63. R is a professor of which of the following subjects?

    1) Maths　　　　2) Geology　　　　3) Zoology　　　　4) Hindi

    5) None of these

64. Which of the following combinations is definitely correct?

    1) R - Maths - Music　　　　2) V - Botany - Music

    3) S - Zoology - Singing　　　　4) Q - English - Painting

    5) None is correct

65. Which of the following combinations is incorrect?

    1) S - Swimming　　　　2) P - Hindi

    3) W - Tracking　　　　4) R - Shayari

    5) None of these

Directions (Q. 66 – 70): For these questions read the passage given and select the best of the answer choices given.

66. The committee on sexual discrimination in the workplace has highlighted Supremo Company as a chief offender. Of the twenty senior executives in the firm, only one is a woman. And of the forty junior executives, only five are female.

    Supremo could best defend itself against the charges by showing that

    1) male and female executives at the same level have the same qualifications

    2) they pay the same salary to senior men and senior women

    3) ten times more men than women apply for jobs with the company

    4) the work pressures and long hours make jobs with the company unattractive to married women

    5) all job applicants who were rejected had fewer qualification than those accepted.

67. Josh has twenty years of typing experience behind him; therefore, if you are looking for an efficient typist to enter your data into the new system, you need look no further. The speaker assumes that

    1) Twenty years of practice ensures typing efficiency

    2) The type of typing required for the new system is identical to what Josh has been doing

    3) Josh's job profile is the best that the new employer is going to get

    4) Josh is an outstandingly fast and accurate typist

    5) Josh will fit well into the new office.

68. The cost of producing radios in Country Q is ten percent less than the cost of producing radios in Country Y. Even after transportation fees and tariff charges are added, it is still cheaper for a company to import radios from Country Q to Country Y than to produce radios in Country Y.

    The statements above, if true, best support which of the following assertions?

    1) Labour costs in Country Q are ten percent below those in Country Y.

    2) Importing radios from Country Q to Country Y will eliminate ten percent of the manufacturing jobs in Country Y.

    3) The tariff on a radio imported from Country Q to Country Y is less than ten percent of the cost of manufacturing the radio in Country Y.

    4) The fee for transporting a radio from Country Q to Country Y is more than ten percent of the cost of manufacturing the radio in Country Q.

    5) It takes ten percent less time to manufacture a radio in Country Q than it does in Country Y.

69. Net Neutrality stipulates that Internet Service Provides (ISP) cannot partition their bandwidth such that different types of Internet communications have different maximum bandwidth capacities. For example, an ISP cannot relegate high bandwidth voiceover IP (VoIP) traffic to a separate tunnel in an attempt to ensure that users of low bandwidth functions such as plaintext email are not slowed down by the high bandwidth users. Some individuals support implementing Net Neutrality on the principle that one group (i.e., users of high bandwidth services) should not be effectively penalized for the actions of another group (i.e., users of slow bandwidth services, who have a special traffic lane carved out for them, thereby slowing high bandwidth users). Which of the following, if true, most seriously weakens the argument of the supporters of Net Neutrality mentioned above?

    1) The jobs of many high bandwidth users require these individuals to use high bandwidth services.

    2) Placing no restrictions on the bandwidth of individuals who use high bandwidth services would force ISPs to purchase massive amounts of expensive additional bandwidth, for low bandwidth users.

3) A strong and well respected lobbying firm recently revealed it has been hired by large telecommunications firms to oppose Net Neutrality on the grounds that it infringes upon a private company's ability to do business

4) One country that mandated Net Neutrality saw a decrease in satisfaction of Internet users.

5) A recent court ruling upheld the principle that technology companies cannot discriminate in whom they serve or how they serve users.

70. Insurance Company X is considering issuing a new policy to cover services required by elderly people who suffer from diseases that afflict the elderly. Premiums for the policy must be low enough to attract customers. Therefore, Company X is concerned that the income from the policies would not be sufficient to pay for the claims that would be made.

Which of the following strategies would be most likely to minimize Company X's loses on the policies?

1) Attracting middle - aged customers unlikely to submit claims for benefits for many years.

2) Insuring only those individuals who did not suffer any serious diseases as children

3) Including a great number of services in the policy than are included in other policies of lower cost

4) Insuring only those individuals who were rejected by other companies for similar policies

5) Insuring only those individuals who are wealthy enough to pay for the medical services

Directions (Q. 71 – 75): In each question below are either two or three statements followed by two conclusions numbered I and II. You have to take the two or three given statements to be true and then decide which of the given conclusions logically follows from the two/ three given statements, disregarding commonly known facts.

Give answer:

1) If only conclusion I follows

2) If only conclusion II follows

3) If either conclusion I or II follows

4) If neither conclusion I nor II follows

5) If both conclusions I and II follow

71. **Statements :** No giraffe is a leopard.

All leopards are kangaroos.

All kangaroos are wolfs.

Conclusions : I. All kangaroos can never be giraffes.

II. All giraffes are definitely wolfs.

72. **Statements :** Some fruits are mangos.

All mangos are guavas.

No guava is a banana.

Conclusions : I. All guavas are fruits.

II. Some guavas are fruits.

73. **Statements :** All locks are keys.

Some keys are pockets.

Conclusions : I. No pocket is lock.

II. At least some pockets are keys.

74. **Statements :** No books is a pen.

All pens are pencils.

All pencils are erasers.

Conclusions : I. All pens are erasers.

II. At least some erasers are pencils.

75. **Statements :** Some fruits are mangos.

All mangos are guavas.

No guava is a banana.

Conclusions : I. All fruits are bananas.

II. No mango is a banana.

76. How many even numbers are there in the following sequence of numbers which are immediately followed by an odd number as well as immediately preceded by an even number?

8 5 8 6 7 6 8 9 3 2 7 5 3 4 2 2 3 5 5 2 2 8 1 1 9 3 1 7 5 1

1) Two   2) Three   3) Four   4) Five

5) None

77. Find out the two signs to be interchanged for making following equation correct.

5 + 3 × 8 − 12 ÷ 4 = 3

1) + and −   2) − and ÷   3) + and ×   4) + and ÷

5) − and ×

78. If 'tee see pee' means 'Drink fruit juice', 'see kee lee' means 'Juice is sweet' and 'lee ree mee' means 'He is intelligent', which word in that language means 'sweet'?

1) see   2) kee   3) lee   4) pee

5) tee

Directions (Q. 79 − 80): In each of the questions below consists of question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer

1) if the data in statement **I alone** is sufficient to answer the question, while the data in statement **II alone** is not sufficient to answer the question.

2) if the data in statement **II alone** is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.

3) if the data **either** in statement I alone or in statement II alone is sufficient to answer the question.

4) if the data in **both** statement I and II together is **not sufficient** to answer the question.

5) if the data in **both** statement I and II together is necessary to answer the question

79. How many children does M have?

Statements :

I. H is the only daughter of X who is wife of M.

II. K and J are brothers of M.

80. How many children are there between P and Q in a row of children?

Statements :

I. P is fifteenth from the left in the row.

II. Q is exactly in the middle and there are ten children towards his right.

DATA ANALYSIS & INTERPRETATION

Directions (Q. 81 – 85): Study the following graph carefully and answer the questions given below:

Percentage growth in population of six towns A, B, C, D, E and F from 2014 to 2015

and from 2015 to 2016.

81. The population of Town F in 2015 was approximately what percent of its population in 2016 when the population of Town F was 4 lakh?

1) $60\frac{2}{3}\%$ 2) $66\frac{2}{3}\%$ 3) 75%   4) $55\frac{1}{3}\%$

5) 68%

82. If the population of Town B in the year 2014 was 5 lakh, what was its approx. population in 2016?

1) 9.5 lakh   2) 10.50 lakh   3) 14 lakh   4) 14.50 lakh

5) 8.5 lakh

83. If the population of Town C and D in 2015 are in the ratio of 2 : 3 and the population of Town C in 2014 was 2.5 lakh, what was the population of town D in 2015?

1) 5.25 lakh   2) 4.75 lakh   3) 3.5 lakh   4) 6 lakh

5) None of these

84. In 2014, the population of Town B and that of Town D were equal and the population of Town B in 2016 is 4 lakh, what is the population of Town D in 2016 (approx)?

1) 3.50 lakh   2) 6 lakh   3) 5.2 lakh   4) 4.5 lakh

5) 5.5 lakh

85. The population of Town E in 2014 was what fraction of its population in 2016?

1) $\frac{4}{5}$ 2) $\frac{3}{2}$ 3) $\frac{5}{8}$ 4) $\frac{2}{3}$

5) None of these

Directions (Q. 86 – 90): Read the following table carefully and answer the questions given below it:

Details of star batsmet's performance in 20 one - day cricket matches					
Batsman	**Total runs**	**Highest runs**	**No. of Matches with runs**		
			100 or more	**50 – 99**	**0's**
Tendulkar	994	141	5	3	1
Dhoni	751	130	1	8	2
Gambhir	414	52	-	2	2
Sehwag	653	94	-	4	1
Yuvraj	772	85	-	7	-

86. What is the difference between the average runs of top two batsmen in terms of highest runs scored in a match, if the matches having 0 were ignored?

    1) 4.7   2) 13.71   3) 10.59   4) 6.62

    5) 17.42

87. If the matches having zero runs and the ones having the highest runs is ignored, what will be the average runs for Gambhir?

    1) 21.29   2) 22.79   3) 23.17   4) 20.19

    5) 20.29

88. By how much does the difference between the two lowest total runs differ from the difference between the two highest total runs?

    1) 27   2) 7   3) 37   4) 17

    5) 32

89. Which of the given pairs of batsman have ratio 3 : 2 in their highest runs?

    1) Dhoni and Gambhir

    2) Dhoni and Sehwag

    3) Tendulkar and Sehwag

    4) Yuvraj and Gambhir

    5) Dhoni and Tendulkar

90. Excluding the match with the highest runs and the matches with zero runs, what will be the average runs for Dhoni?

    1) 37.12   2) 36.52   3) 38.42   4) 37.42

    5) 35.12

Directions (Q. 91 – 95): The table given below shows the production of five types of buses by a company during the years 2008 to 2013. Study the table and answer the questions.

Year → Type ↓	2008	2009	2010	2011	2012	2013
A	8	20	16	17	21	6
B	16	10	14	12	12	14
C	21	17	16	15	13	8
D	4	6	10	16	20	31
E	25	18	19	30	14	27

91. In which year was the production of buses of all types taken together approximately equal to the average of the total production during the given period?

1) 2008   2) 2010   3) 2012   4) 2013

5) 2011

92. In which year was the total production of buses of type A and B together equal to the total production of buses of type C and D?

1) 2009   2) 2010   3) 2011   4) None of these

5) 2013

93. During the period 2008 – 13, in which type of buses was there a continuous increase in the production?

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

5) None of these

94. The production of which type of buses was 25% of total production of all types of buses during 2012?

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

5) None of these

95. The percentage increase in the total production of all types of buses in 2011 with respect to that in 2010 was

1) 15   2) 20   3) 25   4) 30

5) 18

Directions (Q. 96 – 100): Study the following graph and answer the questions given below it:
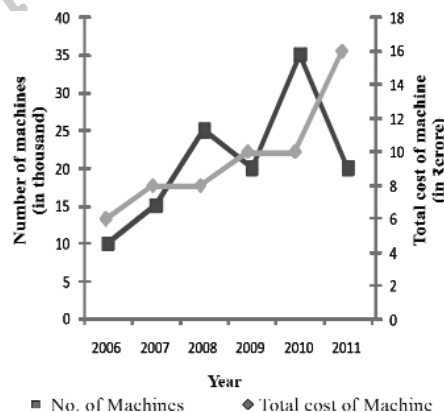
96. What was the cost of each machine in 2006?

1) Rs.3675   2) Rs.4000   3) Rs.3000   4) Rs.6000

5) Rs.4675

97. What was the percentage drop in the production of the number of machines from 2008 to 2009?

1) 5%   2) 20%   3) 25%   4) 30%

5) 15%

98. What was the difference between the total cost of the machines sold in 2009 and that in 2011?

1) Rs.6 crore   2) Rs.2 crore   3) Rs.3 crore   4) Rs.4 crore

5) Rs.7 crore

99. Had the cost per machine increased by 25% in the year 2010, what would have been the total cost of the machines produced in that year?

1) Rs.13.5 crore   2) Rs.20 crore   3) Rs.12.5 crore   4) Rs.20.75 crore

5) Rs.15.5 crore

100. What was the difference between the cost per machine in 2008 and that in 2009?

1) Rs.5000   2) Rs.4500   3) Rs.3200   4) Rs.1800

5) Rs.5200

Directions (Q. 101 – 105): Study the following information carefully and answer the questions given below:

An office consists of 720 employees working in different departments, viz. HR, Accounts, Production and Marketing. The ratio of men to women in 5 : 3. 20% of the men work in HR department. 40 percent of the women work in HR department. The total number of employees in the Marketing department is 145. Two-fifths of the women work in the Production department and the remaining in the Accounts department. 40 percent of men work in the Accounts department. 12% men work in the Production department and the remaining work in the Marketing department.

101. What is the number of women working in the Marketing department?

1) 29   2) 45   3) 26   4) 35

5) 19

102. The total number of employees working in the Production department forms what percent of the number of employees working in the organisation?

1) $23\frac{1}{2}\%$ 2) $28\frac{1}{2}\%$ 3) $33\frac{1}{3}\%$ 4) $22\frac{1}{2}\%$

5) $27\frac{1}{2}\%$

103. The number of men working in the Marketing department forms what percent of the total number of employees in the organisation?

1) 15%   2) 18%   3) $17\frac{1}{2}\%$ 4) $20\frac{2}{3}\%$

5) 21%

104. What is the total number of employees working in the Production department and Accounts department together?

1) 307   2) 377   3) 407   4) 326

5) 287

105. What is the ratio of the number of men working in the Production department to the number of women working in the Accounts and Marketing department together?

1) 2 : 1   2) 1 : 1   3) 1 : 2   4) 4 : 5

5) None of these

Directions (Q. 106 – 110): Study the following information and answer the given questions.

Pie-chart I shows the percentage of students in various courses A, B, C, D, E and F and pie-chart II shows the percentage of boys.

Total students 2600 (1800 boys + 800 girls)

Chart-I

Chart-II
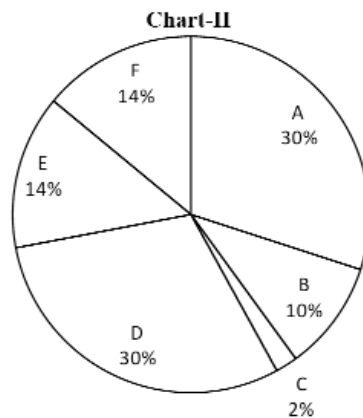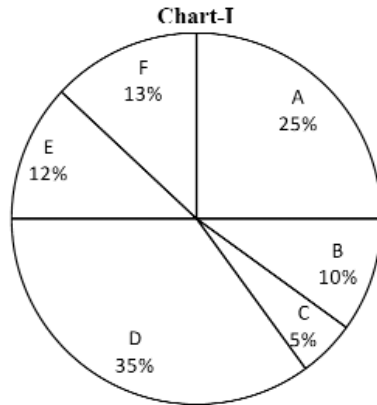
106. For course D, what is the ratio of boys to girls?

1) 4 : 3   2) 4 : 5   3) 5 : 3   4) 6 : 5

5) None of these

107. For which pair of courses is the number of girls the same?

1) E and F   2) A and D   3) C and F   4) B and D

5) None of these

108. For course E, the number of boys is how much percent more than the number of girls for course E?

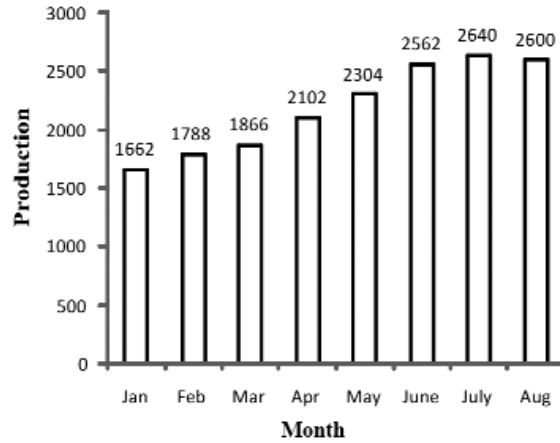1) 250   2) 350   3) 320   4) 140

5) 3

109. For which course is the number of girls the minimum?

1) E   2) F   3) C   4) A

5) B

110. How many boys are there in course C?

1) 26   2) 36   3) 48   4) 44

5) 32

Directions (Q.111 – 115): Study the following graph and answer the questions given below it.

111. Which of the following months shows the maximum increase in production over its immediately preceding month?

1) March   2) April   3) May   4) June

5) February

112. By how much is the average production of the last five months more than the average production of the first three months?

1) 689.20   2) 597.60   3) 669.60   4) 899.60

5) 789.20

113. Which month shows exactly the same increase in production over its immediately preceding month as the month of March shows over February?

1) February   2) May   3) June   4) July

5) August

114. Approximately by what percent did the total production in the two consecutive months of July and August increase over the total production in the first two consecutive months of January and February?

1) 52%   2) 66%   3) 69%   4) 59%

5) 65%

115. How many months have more than average production for the given 8 months?

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

5) None

GENERAL/ ECONOMY/ BANKING AWARENESS

116. ..... has become the seventh entity to receive a final license from the Reserve Bank of India (RBI) to set up a payments bank.

1) India Post Payments Bank   2) Aditya Birla Idea Payments Bank

3) National Securities Depository   4) Fino Pay Tech

5) Vodafone M-Pesa

117. The fiscal deficit for April – February 2017 has been Rs.6.05 lakh cr reflecting 113.4 percent of the full year target. For the fiscal 2016 – 17, the Centre had pegged the fiscal deficit target at

    1) Rs.4.81 lakh cr

    2) Rs.4.44 lakh cr

    3) Rs.5.35 lakh cr

    4) Rs.5.34 lakh cr

    5) Rs.5.63 lakh cr

118. The Union Cabinet recently approved an MoU between India and which country on cooperation in the field of Health and Medicine?

    1) France   2) Australia   3) UK   4) Spain

    5) Germany

119. The govt has appointed who among the following as the next chairman of the Telecom Disputes Settlement & Appellate Tribunal (TDSAT)?

    1) Madan Bhimarao Lokur

    2) Ranjan Gogoi

    3) Jasti Chalameswar

    4) Shiva Kirti Singh

    5) Dipak Misra

120. Which of the following cannot be called as a debt instrument which respect to financial transactions?

    1) Certificate of deposit

    2) Bonds

    3) Stocks

    4) Commercial papers

    5) Debenture

121. Whenever RBI does some open market operation transactions, actually it wishes to regulate which of the following?

    1) Inflation

    2) Liquidity in economy

    3) Borrowing powers of the banks

    4) Flow of foreign direct investments

    5) None of the above

122. In economics, it is generally believed that the main objective of a public sector financial company like bank is to

    1) Employ more people

    2) Maximize the total profits

    3) Maximize total production

    4) Provide financial services to the people   of the country

    5) Sell the goods at subsidized rates

123. In a company by the use of price sensitive corporate information about the company, people closer to the company try to make gains or cover losses in share market dealings and such process is known as:

    1) Insider trading

    2) Future trading

    3) Foreign trading

    4) Stock trading

    5) None of these

124. The actual return of an investor is reduced sometimes when the prices of the commodities go up all of a sudden and in financial sector this type of phenomenon is known as

    1) Probability risk

    2) Market risk

    3) Inflation risk

    4) Credit risk

    5) None of these

125. Company which is fighting hard to increase its market share in existing market (with new popular products) is known as:

1) Market vendor
2) Market operator

3) Market leader
4) Market follower

5) Market challenger

126. Which of the following policies of the financial sectors is basically designed to transferring local financial assets into foreign assets freely and at market determined exchange rates?

1) Capital account convertibility
2) Financial deficit management

3) Minimum support price
4) Restrictive trade practices

5) None of these

127. A customer is willing to purchase some US dollars in the country. He/ she should go to:

1) Public Debt Division of the RBI only

2) American Express Bank only

3) RBI or any branch of a bank which is authorized for conducting such business

4) Ministry of Foreign affairs

5) None of these

128. Many times we see in newspaper that some projects are launched by the Government authorities on PPP basis. What is the full form of PPP?

1) Preferential Payment Plan

2) Public Private Partnership

3) Partial Payment Project

4) Popular Private Project

5) Private Preferential Payment

129. The Reserve Bank of India keeps on modifying various rates/ ratios to keep the flow of liquidity in the market in a balanced manner and which of the following rates/ ratios/ indexes is not directly controlled by the RBI?

1) Cash reserve ratio
2) Bank rate

3) Repo rate
4) Reverse repo rate

5) Wholesale price index

130. The sponsorship between State government, central government and sponsor bank in the ratio of .... in respect of Regional Rural Banks in the country:

1) 15-50-35   2) 50-35-15   3) 35-15-50   4) 35-50-15

5) 15-35-50

131. The process of transformation of physical shares, commercial paper or certificate of deposit into electronic form is called as:

1) Electronic clearing service
2) Electronic securitization

3) Share truncation
4) Dematerialisation

5) None of the above

132. Where is the headquarters of "Society for Worldwide Inter bank Financial Telecommunication - SWIFT" situated?

1) New York   2) Las Angels   3) Brussels   4) Hague

5) None of the above

133. Cheque truncation means:

1) Tearing a cheque into two or more pieces

2) Sending the photostat copy of a cheque in collection

3) Using the electronic image of a cheque

4) Keeping the Photostat copy of a cheque with collecting bank before sending the original cheque to the drawee branch

5) None of the above

134. In the capital market, simultaneous purchase and sale of securities to reduce the loss is known as ....

1) Speculation   2) Hedging   3) Arbitrage   4) Short Sell

5) None of these

135. The second annual meeting of the New Development Bank (NDB) was held recently in India in

1) New Delhi   2) Mumbai   3) Chennai   4) Hyderabad

5) Jaipur

136. Which in the below list is true regarding NNP?

1) GNP + depreciation   2) GNP – depreciation

3) GNP + Exports   4) GNP + Imports

5) None of these

137. Pollution cause by a factory comes under.......

1) Fixed cost   2) Variable cost

3) Social cost   4) Marginal cost

5) None of these

138. The World Health Day is a global health awareness day celebrated every year on:

1) 1 April   2) 3 April   3) 5 April   4) 7 April

5) 8 April

139. The banks in India are pushing PoS installations to boost digital transactions. Here, the term PoS stands for:

1) Point-of-Sale   2) Point-of-Source

3) Point-of-Satisfaction   4) Point-of-Security

5) None of these

140. Which term is used as alternate word of "Buyer's Monopoly"?

1) Oligopoly   2) Inverse monopoly

3) Monopoly   4) Duopoly

5) None of these

141. Which in the below list is an anti-inflationary measure?

1) Stagflation   2) Hyper inflation

3) Disinflation   4) Deflation

5) None of these

142. Commercial Paper (CP) is an unsecured money market instrument issued in the form of a ....

1) Demand Draft   2) Promissory Note

3) Bill of Exchange   4) Lines of Credit

5) None of these

143. In context with the Capital Adequacy Ratio of 9%, if a bank has lent Rs.100, the Bank must have a capital base of at least ....

1) Rs.90   2) Rs.109   3) Rs.91   4) Rs.9

5) Rs.99

144. In Financial Language, Fixed to Floating and Floating to Floating are mainly used in context with ....

1) Interest rates   2) Swaps

3) Foreign Exchange Rates   4) Options

5) None of these

145. Debt financing that can magnify the risk and reward for an investment are called as.......

1) Reward risk   2) Derivative

3) Leverage   4) Investment strategy

5) None of these

146. Which of the following mobile apps has been launched by the Telecom Regulatory Authority of India (TRAI) to register pesky call complaints?

1) TRAI Services   2) PCC Services

3) DND Services   4) DML Services

5) None of these

147. The BRICS New Development Bank (NDB) has planned to issue bonds twice this year, one denominated in Chinese yuan and the other in Indian rupee. The present President of NDB is

1) KV Kamath   2) Jin Liqun

4) Deepak Parekh   4) ES Nabiullina

5) DJ Pandian

148. Prime Minister Narendra Modi recently dedicated to the nation the 1980-MW Koradi super-critical thermal power project in .....

1) Raipur, Chhattisgarh

2) Bhopal, Madhya Pradesh

3) Dehradun, Uttarakhand

4) Kochi, Kerala

5) Nagpur, Maharashtra

149. The loans extended under the Pradhan Mantri Mudra Yojana (PMMY) during 2016-17 have crossed the target of Rs.1.8 lakh cr. The PMMY was launched on Apr 8 in ....

1) 2012　　　2) 2013　　　3) 2014　　　4) 2015

5) 2016

150. Which of the following is the first state to adopt the Goods and Services Tax (GST) Bill, 2017?

1) Telangana　　　2) Bihar　　　3) Odisha　　　4) Maharashtra

5) Gujarat

151. The subscribers of EPFO will get what percent interest on provident fund deposits for 2016-17, as decided by the organisation's trustees in Dec 2016.

1) 8.85 percent　　　2) 8.80 percent　　　4) 8.75 percent　　　4) 8.70 percent

5) 8.65 percent

152. India's military expenditure in 2016 makes it the world's .... largest spender at $55.9 bn as per the Stockholm International Peace Research Institute (SIPRI).

1) second　　　2) third　　　3) fifth　　　4) seventh

5) eighth

153. ...... recently revealed that it is being investigated by tax and law enforcement agencies of India, the US, France and Belgium, for alleged tax evasion other issues.

1) HSBC　　　　　　2) Standard Chartered

3) CITI Bank　　　　　4) Deutsche Bank

5) American Express

154. ......, a member of the International Olympic Committee's (IOC) Athletes' Commission, will represent the panel in the Badminton World Federation (BWF).

1) Saina Nehwal　　　　　2) Wang Yihan

4) Tai Tzu-ying　　　　　4) Carolina Marin

5) PV Sindhu

155. Which of the following games has been removed from the programme list of the 2018 Asian Games to be held in Jakarta and Palembang?

1) Surfing　　　2) Sambo　　　3) Skateboarding　　　4) Cricket

5) All of these

KEY

1-4; 2-2; 3-5; 4-4; 5-4; 6-5; 7-3; 8-4; 9-4; 10-5; 11-5; 12-3; 13-3; 14-2; 15-4; 16-2; 17-2; 18-5; 19-5; 20-3; 21-3; 22-3; 23-5; 24-1; 25-3; 26-5; 27-1; 28-1; 29-4; 30-3; 31-4; 32-1; 33-4; 34-5; 35-2; 36-4; 37-2; 38-3; 39-4; 40-2; 41-2; 42-1; 43-4; 44-3; 45-2; 46-2; 47-1; 48-3; 49-4; 50-4; 51-3; 52-3; 53-1; 54-4; 55-3; 56-1; 57-3; 58-2; 59-4; 60-5; 61-1; 62-3; 63-1; 64-4; 65-3; 66-5; 67-1; 68-3; 69-2; 70-1; 71-1; 72-2; 73-2; 74-5; 75-2; 76-3; 77-2; 78-2; 79-4; 80-5; 81-2; 82-2; 83-1; 84-3; 85-4; 86-3; 87-1; 88-4; 89-3; 90-2; 91-3; 92-4; 93-1; 94-4; 95-2; 96-4; 97-2; 98-1; 99-3; 100-4; 101-5; 102-4; 103-3; 104-2; 105-2; 106-5; 107-5; 108-3; 109-1; 110-2; 111-4; 112-3; 113-4; 114-1; 115-4; 116-2; 117-4; 118-2; 119-4; 120-3; 121-1; 122-2; 123-1; 124-1; 125-5; 126-1; 127-3; 128-2; 129-5; 130-1; 131-4; 132-3; 133-3; 134-3; 135-1; 136-2; 137-3; 138-4; 139-1; 140-3; 141-5; 142-2; 143-4; 144-2; 145-3; 146-3; 147-1; 148-5; 149-4; 150-1; 151-5; 152-3; 153-1; 154-1; 155-5.

EXPLANATIONS

1. It is given in the second paragraph of the passage that Richard Rorty once sighed that religion was a conversation-stopper: If someone claims to be acting for religious reasons, what is there to say? From this sentence, we can conclude that (4) is the most appropriate option.

2. It is given in the second paragraph of the passage that 'progressive have a much more difficult time, On the one hand, religion is transparently absurd, but on the other the triumphant atheism of Richard Dawkins is embarrassing, too'. From this we can conclude that (2) is the most appropriate option. Please note that other options are given to confuse the candidate. Option (1) is just a restatement from the passage but after a close reading of the passage one can easily observe that it doesn't elaborate the cause of his difficulties. Option (3) is an incomplete sentence from the passage, given to confuse the candidate. Other options cannot be inferred from the passage. Hence, (2) is the correct option.

3. It is given the last paragraph of the passage that he argues that only a revived from of philosophical relativism can get us out of the secular-religious bind' from this we can conclude that (5) is the most appropriate option.

4. From the statement given in the first paragraph These claims often come from people who are not themselves affiliated with those faiths or any other: they are political interventions one can easily infer that (4) is the correct options.

5. It is given second paragraph that evangelical voters cling to guns and religion because they are distracted from their true economic interests'. Hence we can conclude that (4) is the correct option.

6. It is given in the third paragraph that religion would either vanish altogether or become privatized as societies industrialized. As these predictions have proven faulty As we can see that one prediction (vanishing of religion) is independent of the other one (privatization of religion). Hence, (2) and (3) are not the correct options. (1) is not given in the passage. (4) can also not be inferred.

7. 'QUANDARY' means .... difficult situation; a practical dilemma'. So 'Predicament' is the word which is most similar in meaning to it.

8. 'RICOCHET' means 'rebound off a surface'. So 'Recoil' is the word which is most similar in meaning to it.

9. 'MASQUERADING' means 'pretend to be someone one is not'. So 'Reveal' is the word which is most opposite in meaning to it.

10. 'EXEGESIS' means 'critical explanation or interpretation of a text, especially of scripture'. So 'Accolade' is the word which is most opposite in meaning to it.

11. Since the paragraph is talking about the (positive) performance of India. Hence, 'growth' a positive (in sense) noun should be used with it.

12. Superlative degree is used after the definite article, hence (3) is the correct option.

13. 'Thus' is the correct option. Here, 'thus' is used to mean 'this way'.

14. 'Would reveal' in the sentence makes it clear that the first verb with 'while many' must be in the past tense.

15. The usage of the word 'rather' after the blank suggests that the correct option should be (4) in contrast to word 'strength' hence 'weakness' is the correct option.

16. 'Would have' will take a verb in past participle from. Hence, 'plan' can't be used. Also, dreamed' takes preposition 'of'. Hence 'dreamed' is the correct option.

17. 'To take place' which means 'to happen'.

18. Here a verb in past participle form is required. Hence, 'thought' is the only option.

19. Out of the given option only 'proud' takes preposition 'of', hence, (5) is the correct option.

20. Out of the given options, only 'challenge' goes with the meaning of the sentence. Hence, (5) is the correct option.

21. Possibility which is strong and gives the sense of ability must be conveyed by the use of 'can'. So, (3) is appropriate.

22. In sentences with structure 'sub' + as well as + 'sub', the verb which follows depends on the number of subject which is used before 'as well as'. Since, Rahul is singular, verb used should also be singular hence either (2) or (3) is the correct option. But, since, the question doesn't show a point or period of time, we are left with (3) which is the correct option.

23. No correction required

24. 'not only' is used with 'but also' so either (1) or (2) is the correct option. Now this sentence has the structure 'adverb (infinitely) + adjective (desirable)' so the usage of and is superfluous. Hence, (1) is the correct option.

25. After 'one of' the verb agrees to the noun that follows it. Here, 'stories' is plural so 'have' should be used.

26. No error.

27. Replace 'a' with 'the'. Since, the given sentence talks about a particular hotel (the one which was inaugurated by the Prime Minister) hence, definite article should be used

28. The given sentence talks about 'youth' (the stage of life) in a general way. Hence, 'the' cannot be used before 'youth'. However, if we talk about the 'youth' in a particular way, we will have to use 'the'. **For eg:** The youth of India is very hardworking.

29. 'Other' should be used in place of 'their'. Since 'their' does not go with the meaning of the sentence, hence, (4) is the correct option.

30. Use 'has' in place of have. Since, the subject in the given sentence is 'invention' which is singular hence verb used must also be singular. The correct sequence to form a meaningful paragraph is FCBDEAHG.

31. D   32. C   33. A   34. H   35. G

(Q.56 – 60):

Person	Subject	Day
E	Geography	Tuesday
B	Chemistry	Tuesday
C	Maths	Monday
G	Physics	Thursday
D	Biology	Friday
F	History	Wednesday
A	English	Wednesday

(Q.61 – 65):

Person	Subject	Hobby
P	Hindi	Cooking
Q	English	Painting
R	Maths	Shayari
S	Physics	Swimming
T	Botany/ Geology	Music/ tracking
V	Geology/ Botany	Tracking/ Music
W	Zoology	Poetry
X	History	Singing

66. To defend itself against a charge of discrimination the company will have to show its selections were made on the basis of merit not sex. The best way to do that is to show that none of the women who were rejected had better qualifications than the men who were appointed. Answer (5) implies just that but without specifying the sex of the rejected applicants.

67. An assumption is an unstated premise. So we are looking for something that is implied in the argument, and if wrong, will undermine the argument. All that the speaker implies is that Josh is efficient because he has twenty years of practice, and so answer (1) is correct. Eliminate (2) because the word 'identical' is not implied. Eliminate (3) because we are talking about typing not the whole 'job profile'. The argument claims that Josh is efficient but without defining efficiency we cannot assume that it involves both speed and accuracy, and certainly 'outstandingly' is not warranted. Nothing is implied about fitting into the office.

69. The Argument of Net Neutrality Supporters: No Net Neutrality means one group gets penalized for another group's choice (i.e., high bandwidth users get relegated to another lane that becomes slower de to congestion). Supporters of Net Neutrality referenced in the original argument base their position on the principle that one group should not be penalized by the actions of another group. If this principle can be shown to give reason to oppose Net Neutrality, the argument in support of Net Neutrality - we must weaken 'the argument of the supporters of Net Neutrality' mentioned above. Option (1) does not undermine the fact that one group is being penalized for the actions of another group nor does it show how the argument is flawed. Simply because one group is required to use high bandwidth services does not mean they (or another group) are being penalized for this requirement. Option (2) uses the principle that supporters of Net Neutrality used and shows how the principle can also be used to argue against Net Neutrality, there by seriously weakening the supporters' argument.

The cost of purchasing additional and expensive bandwidth will be passed on to low bandwidth customers, 'disproportionately increasing the price of access for low bandwidth users'. In other words, the actions of one group (high bandwidth users benefiting from Net Neutrality) will harm another group (low bandwidth users who carry a disproportionate burden of the cost of Net Neutrality).

Option (3) may strengthen the overall public support for Net Neutrality (i.e., it is opposed by lobbyists paid for by big telecommunications firms). This answer does not weaken the argument mentioned above since that argument is based upon one group suffering for the actions of another. Although option (4) weakens the overall argument in support of Net Neutrality, it does not weaken the argument mentioned above since that argument is based upon one group suffering for the actions of another while the argument in this answer choice is based upon satisfaction among Internet users.

Option (5) actually strengthens not weakens the argument in favour of implementing Net Neutrality.

70. Insurance companies can improve the ratio of revenues to claims paid, thus minimizing losses, if they insure as many people belonging to low-risk groups as they can. Because the strategy described in (1) adds a low-risk group to the pool of policyholders, this choice is the best answer. (2) is irrelevant, since no link is established between childhood diseases and diseases affecting the elderly. (3) is inappropriate, since increasing the number of services covered is unlikely to minimize losses. (4) is inappropriate, since it would increase the likelihood that claims against the policy will be made. Because policy holders will file claims against the policy for services covered rather than pay for the cost of the services themselves, (5) is irrelevant.

71.

giraffe → ← leopard kangaroo wolf

Conclusions:

I. All kangaroos can never be giraffes. (true)

II. All giraffess are definitely wolfs. (can't say)

72.

fruit mango guava → ← banana
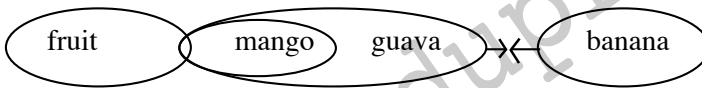
Conclusions:

I. All guavas are fruits. (can't say)

II. Some guavas are fruits. (true)

73.

lock key pocket

Conclusions:

I. No pocket is lock. (can't say)

II. At least some pockets are keys. (true)

74.

book → ← pen pencil eraser
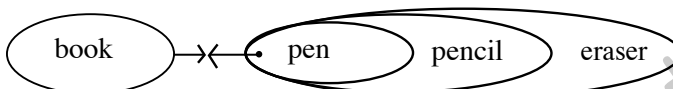
Conclusions:

I. All pens are erasers. (true)

II. At least some erasers are pencils. (true)

75.

fruit mango guava → ← banana
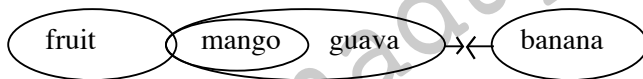
Conclusions:

I. All fruits are bananas. (can't say)

II. No mango is a banana. (true)

76. We have to find out even number followed by odd number sequence.

8 8 8 <u>6</u> 7 6 <u>8</u> 9 3 2 7 5 3 4 2 <u>2</u> 3 5 5 2 2 <u>8</u> 1 1 9 3 1 7 5 1

There are four such even numbers: 6, 8, 2 and 8.

77. On interchanging – and ÷, we get the equation as

5 + 3 × 8 ÷ 12 – 4 = 3

or $5 + 3 \times \left(\dfrac{2}{3}\right) - 4 = 3$ or $3 = 3$, which is true.

78. In the first and second statements, the common word is 'Juice' and the common code word is 'see'. So 'see' means 'Juice'.

In the second and third statements, the common word is 'is' and the common code is 'lee'. So, 'lee' means 'is'. Thus in the second statement, the remaining word 'sweet' is coded as 'kee'.

79. From I, we conclude that H is the only daughter of M. But this does not indicate that M has no son. The information given in II is immaterial.

80. From II, Q being in the middle, there are 10 children to his right as well as to his left. So, Q is 11th from the left. From I, P is 15th from the left. Thus, from both I and II, we conclude that there are 3 children between P and Q.

81. Population of Town F in 2014 was 4 lakh.

Then population in 2015 $= \dfrac{4 \times 170}{100}$

$= 6.8$ lakh

$\therefore$ Population in 2016 $= \dfrac{6.8 \times 150}{100} = 10.2$ lakh

$\therefore$ Reqd % $= \dfrac{6.8}{10.2} \times 100 = \dfrac{400}{6}$ %

$= \dfrac{200}{3}$ % $= 66\dfrac{2}{3}$ %

82. Population of Town B in 2016

$= \dfrac{5 \times 155 \times 135}{100 \times 100} \approx 10.50$ lakh

83. $\dfrac{C_{2015}}{D_{2015}} = \dfrac{2}{3}$ and $C_{2014} = 2.5$ lakh.

$\therefore$ $C_{2015} = \dfrac{2.5 \times 140}{100} = 3.50$ lakh

$\therefore$ Population of D in 2015

$= \dfrac{3 \times 3.5}{2} = 5.25$ lakh

84. Population of Town B in 2014

$= \dfrac{4 \times 100 \times 100}{155 \times 135}$

$=$ Population of D in 2014.

$\therefore$ Population of D in 2016

$= \dfrac{4 \times 100 \times 100 \times 160 \times 170}{100 \times 100 \times 155 \times 155}$

≈ 5.2 lakh.

85. Let the population of Town E in 2014 be x.

Then, in 2015 = $1.25x$

∴ In 2016 = $1.25x \times 1.2 = 1.5x$

∴ Required fraction $= \dfrac{x}{1.5x} = \dfrac{2}{3}$

86. In terms of highest runs top two batsmen are Tendulkar and Dhoni.

So, required difference $= \dfrac{994}{19} - \dfrac{751}{18}$

$= 10.59$

87. Average runs for Gambhir $= \dfrac{414 - 52}{17} = 21.29$

88. Required difference $= (653 - 414) - (994 - 772) = 17$

89. Ratio of Tendulkar to Sehwag $= 141 : 94 = 3 : 2$

90. Average runs of Dhoni $= \dfrac{751 - 130}{17} = 36.52$

91. Average of the total production during the given period $= \dfrac{476}{6} = 80$.

In year 2012, total production = 80.

92. The production of A and B together $= 21 + 12 = 33$

and the production of C and D together $= 13 + 20 = 33$.

Hence in the year 2012 the total production of A and B is equal to the total production of C and D.

93. From the table, in D type Bus there was a continuous increase in production.

94. 25% of 80 = 20

= Production of D's bus in 2012.

95. Required % increase $= \dfrac{90 - 75}{75} \times 100$

$= 20\%$.

96. Cost per machine in year 2006 $= \dfrac{60000000}{10000}$

$=$ T 6000

97. Required % drop $= \dfrac{25 - 20}{25} \times 100$

$= 20\%$

98. Required cost $= (16 - 10) = $ T6 crore

99. Required cost $= 10 \times \dfrac{5}{4} = $ T12.5 crore .

100. Required difference $= \dfrac{10 \text{ crore}}{20000} - \dfrac{8 \text{ crore}}{25000}$

$= $ T5000 $- $ T3200 $= $ T1800

(Q.101 – 105): Total number of employees = 720.

Ratio of men to women is 5 : 3.

$\therefore$ Men employees $= \dfrac{720}{8} \times 5 = 450$.

Women employees $= \dfrac{720}{8} \times 3 = 270$.

Department	Men	Women
HR	$450 \times \dfrac{20}{100} = 90$	$270 \times \dfrac{40}{10} = 108$
Production	$450 \times \dfrac{12}{100} = 54$	$270 \times \dfrac{2}{2} = 108$
Accounts	$450 \times \dfrac{40}{100} = 180$	$270 + (108 + 108 + 19)$ $= 270 - 235 = 35$
Marketing	$450 - (90 + 54 + 180) = 126$	$145 - 126 = 19$
Total	**450**	**270**

101. The number of women working in Marketing department is 19.

102. Total number of employees in Production department = 108 + 54 = 162.

$\therefore$ Required % $= \dfrac{162}{720} \times 100$

$= 22\dfrac{1}{2}\%$

103. Required % $= \dfrac{126}{720} \times 100$

$= 17\dfrac{1}{2}\%$

104. Total number of employees in Production and Accounts together

= 54 + 108 + 180 + 35 = 377

105. Required ratio $= \dfrac{54}{35 + 19} = \dfrac{54}{54} = 1 : 1$

106. Total number of students for Course D = 35% of 2600 = 910.

Number of boys for Course D = $\dfrac{30 \times 1800}{100} = 540$

Number of girl students for Course D = 910 – 540 = 370.

$\therefore$ Required ratio = 540 : 370 = 54 : 37.

107. Number of girls for Course A = 26 × 25 – 18 × 30

= 650 – 540 = 110.

Similarly, for Course B = 10 × 26 − 18 × 10

$$= 260 - 180 = 80.$$

For Course C = 5 × 26 − 18 × 2

$$= 130 - 36 = 94.$$

For Course D = 26 × 35 − 18 × 30

$$= 910 - 540 = 370.$$

For Course E = 26 × 12 − 18 × 14

$$= 312 - 252 = 60.$$

For Course F = 26 × 13 − 18 × 14

$$= 338 - 252 = 86.$$

Hence there is no same no. of girls in any of the courses.

108. Number of boys for Course E $= \dfrac{1800 \times 14}{100} = 252.$

∴ Number of girls for Course E $= \dfrac{2600 \times 12}{100} = 252$

$$= 312 - 252 = 60.$$

Difference = 252 − 60 = 192.

∴ Required % $= \dfrac{192}{60} \times 100 = 320\%.$

109. From the above solution of Q. No. 72 it is Course E.

110. No. of boys in Course C = 2% of 1800 = 36.

111. Increase in June = 2562 − 2304 = 258.

112. Average of last five months

$$= \frac{2102 + 2304 + 2562 + 2640 + 2600}{5}$$

$$= 2441.60.$$

Average production of first 3 months

$$= \frac{1662 + 1788 + 1866}{3} = 1772.$$

∴ Required answer = 2441.60 − 1772

$$= 669.6.$$

113. Feb − March = 1866 − 1788 = 78.

June − July = 2640 − 2562 = 78.

114. Required % increase $= \dfrac{5240 - 3450}{3450} \times 100$

$$= \dfrac{1750}{3450} \times 100 = 52\%.$$

115. Average production $= \dfrac{17524}{8} = 2190.5$

So, number of months $= 4$

(ఈ నమూనా ప్రశ్నపత్రాన్ని హైదరాబాద్‌లోని RACE సంస్థకు చెందిన నిపుణులు రూపొందించారు)