Probationary Officer Question Paper (Two)

(Held on 11-03-2011)

PAPER - 1 (OBJECTIVE TYPE)

REASONING ABILITY

Directions (1–5): In each of the following questions, a statement or two are followed by two conclusions. Give answer (1) if conclusion I follows; (2) if conclusion II follows; (3) if both I and II follow; and (4) if neither I nor II follows.

- Statement: In deserts, camels are indispensable for people to travel from one place to another.
 Conclusions:
- Camels are the only cheapest mode of transport available in deserts.
- II. There are plenty of camels in deserts.
- **2. Statement :** Smoking is one of those human weakness which tends to test the willpower of the smoker to the edge.

Conclusions:

- I. It is very difficult for the smokers to give up smoking even if they want to do so.
- II. Human beings have other weaknesses as well.
- **3. Statement :** Old order changes the yielding place to new.

Conclusions:

- I. Change is the law of nature.
- II. Discard old ideas because they are old.
- 4. Statement:
- The TV programmes telecast specially for women, are packed with a variety of recipes and household hints.
- A major portion of magazines for women also contains the items mentioned above.

Conclusions:

- I. Women are perhaps not interested in other things.
- An average women's primary interest lies in home and specially in the kitchen.
- **5. Statement**: I know nothing except the fact of my ignorance.
 - **Conclusions**: I. The writer's knowledge is very poor.
- II. The world of knowledge is too vast to be explored by a single person.

Directions (6-10): In each of the following questions, a given statement is followed by few assumptions (An assumption is something assumed or taken for granted). Read the statement carefully and decide which of the assumptions are implicit in the statement.

6. Statement: "If he proves a single charge against me, I vow that I will quit politics forever." A politician in a speech.

Assumptions:

- 1. The charges levelled against the politician are false.
- II. The charges levelled against the politician are beyond proof even if true.
- III. The politician is fed of politics.
 (1) Only I is implicit
 - (2) Only II is implicit
 - (3) Only III is implicit
 - (4) I and III are implicit
- 7. Statement: "To err is human. Every man makes mistakes. But to learn from those mistakes is what makes great men. And this is way there are few of great men around us."—A philosopher in his speech.

Assumptions:

- I. Mistakes do not make significant (ssues.
- II. There are very few persons who lean from mistakes.
- III. If a man learns from mistakes, he is a great man.
 - (1) Only I is implicit
 - (2) Only II is implicit
 - (3) Only III is implicit
 - (4) I and II are implicit.
- 8. Statement: "You cannot solve such questions without consulting a diagram. Difficult questions need diagrams for solving." – A teacher tells his students.

Assumptions:

- I. The students are not intelligent.
- II. The problem cannot be solved.
- III. Such questions are difficult.
 - (1) I and II are implicit
 - (2) Only II is implicit
 - (3) Only III is implicit
 - (4) None is implicit

 Statement: "Why should we not protest? When we ask for drinking water they are giving us Pepsi and Coca-Cola" – A politician in an interview.

Assumptions:

- I. Only drinking water is good for people's health.
- Providing people drinking water is more important than providing Pepsi and Coca-Cola.
- III. Pepsi and Coca-Cola do not contain healthy drinking water.
 - (1) Only I is implicit
 - (2) Only II is implicit
 - (3) I and II are implicit
 - (4) Either II or III is implicit
- 10. **Statement**: "Hungry stomachs do not understand high values and economic ethics. They will vote a man who gives them rice-" A political analyst on why a particular party won the election.

Assumptions:

- I. A lot of people are hungry.
- II. Rice was not available previously.
- III. Rice was available only in limited quantity.
 - (1) Only I is implicit
 - (2) I and II are implicit
 - (3) I and III are implicit
 - (4) All are implicit

Directions (11-15): Read the following information to answer the given questions.

An institution announced that its six different programmes: Talk on Physical Development and Health; Talk on Spiritualism and Moral Development; Talk on Yoga and Capacity to Fight the Diseases; Talk on Mental Balance and Well Being; Talk on Environment; and Devetional Songs will be held in the first week of March, 2007 from Monday to Sunday. Only one on each day in accordance with the following:

- (i) Talk on Mental Balance and Well Being would be held immediately after talk on Environment.
- (ii) Talk on Yoga and Capacity to Fight Diseases would be held on Wednesday and would not be followed by Talk on Devotional Songs.

- (iii) Talk on Spritualism and Moral Development would be held on Friday and there would be a gap of two days between Talks on Physical Development and Health, and Devotional Songs.
- (iv) One day there would be no talk (Saturday is not that day), just before that day Devotional Songs would be held.
- 11. How many talks would be held between Talk on Mental Balance and Well Being, and Talk on Yoga and Capacity to Fight Diseases?
 - (1) Five
- (2) Two
- (3) Three
- (4) Four
- **12.** On which day no programme would be held?
 - (1) Friday
- (2) Tuesday
- (3) Saturday
- (4) Sunday
- **13.** What would be organised on First day (Monday)?
 - (1) Talk on Environment
 - (2) Talk on Yoga and Capacity to Fight Diseases
 - (3) Talk on Devotional Songs
 - (4) Talk on Physical Development and Health.
- **14.** What would be organised on last day (Sunday)?
 - (1) Talk on Mental Balance and Well Being
 - (2) Talk on Spritualism and Moral Development
 - (3) Talk on Physical Development and Health
 - (4) Talk on Devotional Songs
- **15.** On which day talk on Physical Development and Health would be orgainsed?
 - (1) Wednesday (2) Tuesday
 - (3) Thursday (4) Saturday

Directions (16-20): In each of the following series two terms have been put within brackets. Mark in your answer sheet.

- (1) if both the bracketed terms are right;
- (2) if the first bracketed term is right and second is wrong;
- (3) if the first bracketed term is wrong and the second is right; and
- (4) if both the bracketed terms are wrong.
- **16.** 0, 3, 30, (65), 105, (170), 252
- **17.** 6, (13), 22, (33), 46, 61, 78, 97
- **18.** 2, (5), 14, 23, (34), 47, 62
- **19.** 0, 3, 8, (28), 40, (65), 128
- **20.** 1, (3), 8, 16, 28, 46, (68)

Directions (21-25): Each of the following questions contains six or seven statements followed by four options each of which is a combination of three statements. Choose the option in which the three statements are logically related.

21.

- A. All happy persons are sincere persons.
- B. Some children are happy persons.
- C. All sincere persons are happy.
- D. No child is happy.
- E. Some happy persons are not children.
- F. Some children are sincere person.
 - (1) ABD
- (2) ABF
- (3) BCE
- (4) BEF

22.

- A. All geniuses can solve the prob-
- B. All students can solve problems.
- C. All students are geniuses.
- D. All students are mathematicians.
- E. Some mathematicians are geniuses.
- F. All those who can solve this problem are mathematicians.
- G. Some geniuses are not mathematicians.
 - (1) ABC
- (2) CEG
- (3) DEF
- (4) DFG

23.

- A. All flowers are beautiful.
- B. All beautiful things need air.
- C. All sweet smelling things are beautiful.
- D. All flowers are sweet smelling.
- E. All flowers are fragrant.
- F. All flowers need air.
 - (1) ABF
- (2) CDE
- (3) ACD
- (4) BCF
- **24.** A. Some accidents are not expected incidents.
 - B. Some accidents are not fatal.
- C. Some fatal ones are not expected incidents.
- D. No accident is an expected incident.
- E. Some illnesses which turn out to be fatal are not due to accidents.
- F. All accidents are fatal.
 - (1) DBC
- (2) CAB
- (3) DFC
- (4) ACD

25.

- A. All mothers are affectionate.
- B. Some girls are affectionate.
- C. Some who are affectionate are not mothers.
- D. Some daughters are affectionate.
- E. Some girls are daughters.
- F. Some daughters are mothers.
- G. All girls are mothers.
 - (1) AGC
- (2) FDA
- (3) CED
- (4) GEF

Directions (26-33): Read the following information carefully and answer the questions that follow. Following are the conditions for promotion from Junior Officer's Cadre to Senior Officer's Cadre in an organisation:

The candidate must-

- A. Have completed atleast 5 years in the organisation.
- B. Have secured 65% marks in the written test for promotion.
- C. Have secured 60% marks in the Group Discussion.
- D. Have secured 70% marks in the interview.
- E. Have good record of his work performance.
- F. Have good communication skill and gets along well with his colleagues.
- G. Not be more than 40 years and less than 30 years as or 11.03.2007
- H. Have good academic record, with an average of atleast 65% marks However, in the case of a candidate who –
- I. Satisfies all other conditions except (D) above but has secured 75% marks in the written test and 65% marks in the Group Discussion, the case is to be referred to the General Manager (Personnel)-GM (P) for the decision.
- J. Satisfies all other criteria exception (H) above but has secured an average of more than 60% marks the case is to be referred to the Managing Director (MD) of the organisation.

Now read the information provided in the case of each candidate in each of the questions given below and decide on the basis of the information provided and based on the above conditions, which of the courses of action you would suggest. These cases are given as on 11.3.2007 (Remember you are not to assume anything which is not provided in the question).

- 26. 34 years old Ramesh has secured 76% marks in the written test for promotion, 66% marks in Group Discussion and 67% marks in the interview. He has good academic record with an average of 68% marks, good communication skill and gets along well with his colleagues. His work performance is good and he has completed 6 years in the organisation.
 - (1) Promote (2) Refer to MD
 - (3) Refer to GM (P)
 - (4) Data inadequate
- 27. 34 years old Madhu has secured 60% marks in the written test for promotion, 72% marks in interview and 69% marks in Group Discussion. She has good communication skill and gets along well with her colleagues. Her record of work performance is good and she has completed 6½ years in the organisation.
 - (1) Refer to MD
 - (2) Do not promote
 - (3) Promote
 - (4) Data inadequate
- 28. 31 years old Jairam secured 67% marks in written test for promotion, 72% marks in Interview and 62% marks in Group Discussion. He has good academic record with an average of 67% marks and good communication skill. He has completed 9 years in the organisation. He gets easily annoyed and irritated with his colleagues and his record of work performance since the last two years is just average.
 - (1) Promote
 - (2) Refer to GM (P)
 - (3) Refer to MD
 - (4) Do not promote
- 29. 33 years old Ravi has secured 63% marks in Group Discussion, 71% marks in Interview and 66% marks in written test for promotion. She has good academic record with an average of 68% marks and has good communication skill. She gets along well with her colleagues and has good record of her work performance. She has completed 6 years in the organisation.
 - (1) Refer to GM (P)
 - (2) Do not Promote
 - (3) Promote
 - (4) Data inadequate

- 30. Dinesh has secured 70% marks in written test for promotion, 69% marks in Group Discussion and 72% marks in the interview. He has a good academic record with an average of 67% marks. He has good record of work performance and gets along well with his colleagues. He has good communication skill and has completed 7 years in the organisation.
 - (1) Do not promote
 - (2) Refer to GM (P)
 - (3) Refer to MD
 - (4) Data inadequate
- 31. 38 years old Mahmud has secured 65% marks in the written test for promotion, 73% marks in interview and 62% marks in Group Discussion. He has good record of his work performance, good communication skills and gets along well with his colleagues. He has good academic record with an average of 61% marks and has completed 7 years in the organisation.
 - (1) Refer to GM (P)
 - (2) Refer to MD
 - (3) Promote
 - (4) Do not promote
- 32. 32 years old Jayant has a good academic record with an average of 66% marks. He has secured 67% marks in Group Discussion, 75% marks in interview and 60% marks in written test for promotion. He has good communication skill and gets along well with his colleagues. He has good record of his work performance and has completed 7 years in the organisation.
 - (1) Do not promote
 - (2) Refer to MD
 - (3) Refer to GM (P)
 - (4) Data inadequate
- 33. 39 years old Suresh has secured 66% marks in written promotion test and has a good academic record with an average of 62% marks. He has secured 65% marks in Group Discussion and 72% marks in interview. He has good record of his work performance, gets well along with his colleagues and has good communication skill. He has completed 6 years in the organisation.
 - (1) Do not promote

- (2) Refer to MD
- (3) Refer to GM (P)
- (4) Promote
- **34.** Complete the following series.

a a c - b b a - c c - b a a - c b -

- (1) cabcb (2) bacab
- (3) a a b c b (4) c c b c b
- **35.** Correct the following equation by interchanging two signs.

 $16 + 4 \div 2 - 21 \times 7 = 21$

- (1) +, $(2) +, \times$
- (3) -, \div (4) \times , \div

Directions (36-40): In the questions that follow different symbols have been used with different meanings as follows:

 $P \psi Q$ means P is equal to Q.

P η Q means P is either smaller than or equal to Q.

 $P \delta Q$ means P is greater than Q $p \gamma Q$ means P is either greater than or equal to Q.

P \$ Q means P is smaller than Q.

For each question you have to assume, the given statements to be true and then to decide which of the two given conclusions is/are definitely true. Give answer

- (1) if only conclusion I is true;
- (2) if only conlusion II is true;
- (3) if either conclusion I or II is true; and
- (4) if neither conclusion I nor II is true.
- 36. Statements:

 $A \$ B, D \eta E, C \psi D, C \gamma B$

Conclusions: I. $E \delta B$

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37. Statements:

RγΑ, UδL, ΑψΗ, ΗγU

Conclusions: I. H w L

II. LSH

38. Statements:

 $W \delta U, Y \psi X, Z \$ Y, X \gamma W$

Conclusions: I. $Z \psi W$

II. $X \delta Z$

39. Statements:

 $W S N, S \psi Q, R \gamma N, S S R$

Conclusions: I. WSR

II. N w Q

40. Statements:

M \$ L, O δ P, M ψ N, O η N -

Conclusions: I. M δ O

 $H. M \psi O$

ENGLISH LANGUAGE

Directions (41-45): Each sentence has four underlined words or phrases. The four underlined parts of the sentence are marked (1), (2), (3) and (4). Identify the one that is not acceptable in standard written English.

- 41. The relationship between (1)/ small and large business in (2)/ many countries have changed (3)/ considerably due to modern franchising (4).
- 42. My friend will not only (1)/ receive you at the (2) / station and also (3)/ have you as a guest in his house (4)
- 43. Each of the (1)/ mistakes have (2)/ to be corrected before (3)/ printing the article. (4)
- **44.** Which time (1)/ do you have to (2)/go to (3)/ the dentist tomorrow (4)?
- 45. The number (1)/ of fatal accidents in which (2)/ people are run down (3)/ and killed have forced (4) / the police to the more stingent with traffic rules.

Directions (46-50): Each question has a sentence with two blanks. From the alternatives select the pair which best completes the given sentence.

- **46.** The news about the bank threw the financial market into a
 - (1) safety

upheaval

(2) cheating

confidence

(3) robbery

suspicion

(4) fraud

turmoil

- 47. The western society is known for its whereas Indian society is
 - (1) conservatism strict
 - (2) permissiveness restrictive
 - (3) activeness

impassive

- (4) waywardness submissive
- **48.** If you carry this attitude to the conference, you will any supporters you may have at this moment.
 - (1) truculent

alienate

(2) conciliatory

defer

(3) uliquitous

impress

- (4) restrictive
- attract
- 49. When I listened to his cogent arguments, all my were and I was forced to agree with his point of view.
 - (1) questions

unanswered

(2) doubts

confirmed

- (3) senses stimulated (4) doubts dispelled
- **50.** A number of journalists and lens men were by the police when they went to cover the drive of the State government.
 - (1) attacked vacuous
 - (2) combated evacuation
 - (3) assaulted eviction
 - (4) infringed demolition

Directions (51-55): In each question, the word given in bold is used in four different ways. Choose the option in which the usage of the word is incorrect or inappropriate.

51. Match

- (1) Fans in India go crazy over a cricket match.
- (2) Do you think this shirt matches three trousers?
- (3) Don't show a match to the bonfire yet.
- (4) This car has no match in the market.

52. Rest

- (1) The doctor told him to rest for a few days.
- (2) His mother rests in peace in their family graveyard.
- (3) This car hit the three, rolled over and came to rest in a ditch.
- (4) Why don't you rest for something?

53. Introduce

- (1) The host introduced the guests to one another.
- (2) Introducing insulin into the body is a delicate matter.
- (3) The employees welcomed the changes introduced by the new Director.
- (4) You should introduce a few jokes into your next speech.

54. Ride

- (1) Nowadays he is riding low in his office.
- (2) I went for a ride last Saturday on my brother's bike.
- (3) Your boss is riding you too hard at the moment.
- (4) I don't think one can take me for a ride easily.

55. Press

- (1) The manager is pressd by my qualifications.
- The crowd pressed against the door trying to get into the building.

- (3) The children pressed some flowers in their books.
- (4) I want to press my shirt.

Directions (56-58): In each of the following questions statements 1 and 6 are resepectively the first and the last sentences of a paragraph. The statements P, Q, R and S come in between them. Rearrange P. Q. R and S. in such a way that they make a coherent paragraph together with statements 1 and 6. Select the correct order from the given choices.

- **56. 1.** The press is often called the fourth estate.'
 - P. With enough freedom it car. mould public opinion and express it freely.
- Q. It requires freedom so that it may act its part effectively.
- R. It plays a very important role in democracy.
- S. A censored press cannot perform all these functions effectively.
- 6. We are happy that the Indian press has enough opportunity to play its role well.
 - (1) PQRS

(2) PRQS

- (3) Q R S P (4) R Q P S
- 57. 1. Planning in India is a difficult problem.
- P. So planners cannot decide the size of the plan.
- Q. The gap between what people want and what can be done is big
- R. Moreover resources are limited
- S. Plan can be drawn on the basis of actual resources.
- 6. But without planning no nation can progress.
 - (1) Q P R S

(2) PQRS

(3) Q R S P

(1) P R Q S

(3) Q S R P

- (4) PRQS
- 58. I. It is often said that spiritualism is vanishing from our lives.
 - P. In the present age and in the age to come God will be the firs casualty.
- Q. In the present age we have achieved only material progress
- R. Our past ages were characterise: by spiritualism.
- S. Progress through materialism wilassume even greater intensity in the times to come.
- **6.** Materialism without losing the tinges of morality seems to be better choice.

(2) Q P S R

(4) Q P R S

Directions (59-65): In the following passage, some of the words have been left out. Read the passage carefully and fill in the blanks by selecting the most appropriate alternatives. The question number from which a word is to be selected out of the four given as alternatives, is written in each blank space.

If we examine the opportunities for education of girls or women in the less developed countries we usually find a __(59)__ picture. In some countries the ratio __(60)__ boys to girls in secondary schools is __(61)_ then seven to one. In Afghanistan, Turkey and Tunisia __(62)_ sizeable towns have some sort of __(63)_ where boys from a village may __(64)_ while they attend high school __(65)_ there are no such facilities for girls.

59.	(1) dismal	(2) hazy
	(3) bright	(4) dull
60.	(1) from	(2) of
	(3) in	(4) for
61.	(1) lesser	(2) smaller
	(3) better	(4) more
62.	(1) no	(2) more
	(3) most	(4) very
63 .	(1) school	(2) hotel
	(3) office	(4) hostel
64.	(1) eat	(2) remain
	(3) study	(4) live
65.	(1) moreover	(2) and
	(3) however	(4) even

Directions (66-70): Read the following passage and answer the questions given below it.

It can be said that one of the most painful circumstances of recent advances in science is that each one makes us know less than we thought we did. Whether the soul survives death was a matter as to which opinions might differ, but that there is a soul was thought to be indubitable. As for the body, the plain man of course considered its existence self-evident, and so did the man of science, but the philosopher was apt to analyse it away after one fashion or another, reducing it usually to ideas in the mind of the man who had the body and anybody else who happened to notice him. The philosopher, however, was not taken seriously, and science remained comfortably materialistic, even in the hands of quite orthodox scientists.

These fine old simplicities are lost today. Physicists assure us that there is no such thing as matter, and psychologists assure us that there is no such thing as mind. This is an unprecedented occurrence. To begin with the latter, some of them attempt to reduce everything that seem to be mental activity to an activity of the body. There are, however, various difficulties in the way of reducing mental activity to physical activity. What we can say, on the basis of physics itself, is that what we have hitherto called our body is really an elaborate scientific construction not corresponding to any physical reality. The modern would be materialist thus finds himself in a curious position, for, while he may with a certain degree of success reduce the activities of the mind to those of the body, he cannot explain away the fact that the body itself is merely a convenient concept invented by the mind. We find ourselves thus going round and round in a circle mind is an emanation of body, and body is an invention of mind. Evidently this cannot be quite right, and we have to look for something that is neither mind nor body, out of which both can spring.

The plain man thinks that material objects must certainly exist, since they are evident to the senses. Whatever else may be doubted, it is certain that anything you can bump into must be real. This is all very well but the physicist comes along and shows that you never bump into anything even when you run your hand along a stone wall, you do not really touch it. When you think you touch a thing, there are certain electrons and protons, forming part of your body, which are attracted and repelled by certain electrons and protons in the thing you think you are touching, but there is no actual contact. The electrons and protons in your body, becoming agitated by nearness to the other electrons and protons are disturbed and transmit a disturbance along your nerves to the brain, the effect in the brain is what is necessary to your sensation of contact, and by suitable experiments, this sensation can be made quite deceptive. The electrons and protons themselves, however, are only crude first approximations a way of collecting into a bundle either trains of waves or the statistical probabilities of various different kinds of events. Thus matter has become altogether too ghostly to be used as an adequate stick with which to beat the mind. Matter in motion, which used to seem so unquestionable, turns out to be a concept quite inadequate for the needs of physics.

Nevertheless, modern science gives no indication whatever of the existence of the soul or mind as an entity; indeed the reasons for disbelieving in it are very much of the same kind as the reasons for dis-believing in matter. Mind and matter were something like the lion and the unicorn fighting for the crown; the end of the battle is not the victory of one or the other, but the discovery that both are only heraldic inventions. The world consists of events, not of things that endure for a long time and have changing properties. Events can be collected into groups by their causal relations. If the causal relations are of one sort, the resulting group of events may be called a physical object, and if the causal relations are of another sort. the resulting group may be called a

Thus, both mind and matter are merely convenient ways of organizing events. There can be no reason for supposing that either a piece of mind or a piece of matter is immortal. The sun is supposed to be losing matter at the rate of millions of tons a minute. The most essential characteristic of mind is memory, and there is no reason whatever to suppose that the memory associated with a given person survives that person's death. Indeed there is every reason to think the opposite, for memory is clearly connected with a certain kind of brain structure, and since this structure decays at death, there is every reason to suppose that memory also must cease. Although metaphysical materialism cannot be considered true, yet emotionally the world is pretty much the same as it would be if the materialists were in the right. I think the opponents of materialism have always been actuated by two main desires, the first to prove that the mind is important and the second to prove that the ultimate power in the universe is mental rather than physical. In both these respects, I think the materialists were in the right.

- **66.** In the sentence 'To begin with the latter, some of them latter' refers to
 - (1) physicists
- (2) matter
- (3) psychologists (4) mind



- (1) Vitican City (2) Palermo
- (3) Namur
- (4) Nauru
- 90. On January 10, 2007 India crossed another milestone with the successful launch of PSLV-C7 which injected into orbit for the first time four satellites, Cartosat–2, SRE-1, Lapan-Tubsat and Pehuensat–1. Which one of them is an earth observation satellite?
 - (1) Cartosat-2
 - (2) SRE-1
 - (3) Lapan-Tubsat
 - (4) Pehuensat-1
- 91. ONGC's exploration team has struck natural gas in KG-DWN-98/2 recently, which could lead to the country's biggest such find yet. The well's potential is preliminarily estimated at
 - (1) 500 billion cubic metres of the hydrocarbon.
 - (2) 600 billion cubic metres of the hydrocarbon.
 - (3) 700 billion cubic metres of the hydrocarbon.
 - (4) 800 billion cubic metres of the hydrocarbon.
- **92.** Which bank has launched India's first loan disbursement card recently?
 - (1) SBI
- (2) UTI
- (3) IDBI
- (4) ICICI
- 93. The approach paper for the 11th Five Year Plan of India was approved by National Development Council in its meeting held on
 - (1) 7th November
 - (2) 20th November
 - (3) 9th December
 - (4) 10th January
- **94.** Who has been named "Businessman of the Year for 2006" by Forbes Asia?
 - (1) Nandan Nilekani
 - (2) Mukesh Ambani
 - (3) Vijay Mallya
 - (4) Azim Premji
- **95.** Who is the 37th Chief Justice of India?
 - (1) Ram Jethmalani
 - (2) Y.K. Sabharwal
 - (3) Bijibhai Patnaik
 - (4) K.G. Balkrishnan
- **96.** 'Diet' is a joint session of the Parliament of which nation?

- (1) China
- (2) Japan
- (3) Vietnam
- (4) Germany
- **97.** Who is the author of the book, 'Amitabh-The Making of a Superstar'?
 - (1) Tushar Raheja
 - (2) Vijay Singhvi
 - (3) Susmita Das Gupta
 - (4) Raj Kamal Jha
- **98.** Ban-ki-Moon who took oath on 14th December, 2006 as U.N. Secretary General belonged to
 - (1) South Africa
 - (2) South Korea
 - (3) Zimbabwe
 - (4) Yugoslavia
- **99.** The first woman in the world to successfully do a free fall parajump over the South Pole from a height of 12,000 feet in a minus 33 degree Celsius temperature, is
 - (1) Sheetal Mahajan
 - (2) Manisha Lamba
 - (3) Kangna Ranaut
 - (4) Neha Ahuja
- 100. Paris is situated on the river
 - (1) Danube
- (2) Seinne
- (3) Tiber (4) Avon
- **101.** The Life Insurance had its origin in
 - (1) New York (2) Rome
 - (3) Moscow
- (4) Beijing
- 102. Who constructed the first mortality table to provide a link between life insurance premium and the average life span based on statistical laws of mortality and coupon interest?
 - (1) Joseph Dodson
 - (2) Michael Dowe
 - (3) Edmond Halley
 - (4) Presbyterian Synod
- 103. The first Insurance Act in India was passed in 1912. When did a detailed and amended act was passed to look into investments, expenditure and management of these companies' fund?
 - (1) 1938
- (2) 1940
- (3) 1953
- (4) 1961
- 104. Oriental Life Insurance Company started by Europeans in Calcutta was the first Life Insurance Company on Indian soil. Life Insurance in its modern form came to India from England in the year:
 - (1) 1808
- (2) 1818
- (3) 1828
- (4) 1838

- 105. When was the Indian Insurance Act enacted to enable the government to collect statistical information about both life and non-life insurance business?
 - (1) 1912
- (2) 1920
- (3) 1928
- (4) 1938
- **106.** The birth place of social insurance is
 - (1) England
- (2) Italy
- (3) America
- (4) Germany
- **107.** Which of the following is treated as the Evidence of the contract of life assurance?
 - (1) First receipt
 - (2) Sum of the policy assured
 - (3) The policy bond
 - (4) None of these
- **108.** Which of the following is not correctly matched?
 - (1) New Bima Gold -
 - 4th September, 2006
 - (2) Jeevan Akshay-V
 - 20th September, 2006
 - (3) Jeevan Tarang
 - 2nd March, 2006
 - (4) Amuly a Jeevan
 - 27th February, 2006
- **109.** Which of the following policies is not under the LIC Mutual Fund?
 - (1) Jeevan Chhaya
 - (2) Jeevan Akshay
 - (3) Jeevan Dhara
 - (4) Jeevan Navkishore
- **110.** The premium charged by the Life Insurance is calculated on the basis of
 - (1) Mortality (2) Interest
 - (3) Expenses
 - (4) All of the above
- **111.** Which of the following is correctly matched?
 - (1) Pure risk— It exists when a situation is characterized by uncertainty as to whether or not loss will occur
 - (2) Speculative When an event can result in either a gain or a loss or status quo
 - (3) Dynamic risk Arising from changes that take place in every society
 - (4) All of the above
- **112.** What is the similarity between insurance and reinsurance?
 - (1) Principle of almost good faith
 - (2) Principle of indemnity

- (3) Conditional contracts
- (4) All of the above
- 113. Revival and days of race is a
 - (1) Rider
 - (2) Guarantee
 - (3) Options
 - (4) None of these
- 114. If the amount of claim is Rs. 25 lakhs, which consumer court will hear the grievances of the consumer?
 - (1) Ombudsman
 - (2) State level
 - (3) National level
 - (4) District level
- **115.** Which of the following is not correctly matched?
 - (1) Endowment Policy A claim may arise under such a plan either by death or maturity
 - (2) Decreasing Term Insurance

 The premium is level throughout the term but the benefit decreases annually
 - (3) Term Insurance Provides cover for life
 - (4) Annunities Refers to income or other financial provisions for retirement
- 116. A person who acts as an arbitrator under section 114 of Insurance Act is
 - (1) Ombudsman
 - (2) Arbitrator
 - (3) Councillor
 - (4) Mediator
- 117. Calculate surrender value : Sum assured Rs. 40,000

Mode: Half yearly Term: 20 years

Last premium due paid : 30th instalment premium

Surrender value factor: Rs. 50

- (1) 10,000
- (2) 15,000
- (3) 20,000
- (4) 25,000
- **118.** Valid period for insurance agents license is
 - (1) 2 years
- (2) 3 years
- (3) 4 years
- (4) 5 years
- 119. Tendency on the part of substandard life to get insurance by restorting to non-disclosure is known as
 - (1) Ad-idem
 - (2) Contract de novo
 - (3) Suppression of material facts
 - (4) Adverse selection

- **120.** When did the brokers regulation was passed?
 - (1) 1999
- (2) 2000
- (3) 2001
- (4) 2002
- **121.** Which of the following is not a feature of a successful re-insurance market?
 - (1) Mature financial markets
 - (2) Locational advantage
 - (3) Availability of knowledge capital
 - (4) Role of foreign insurance
- **122.** Which of the following is not an example of liability loss exposurers?
 - (1) Misuse of the internet and email transmission of pronographic material
 - (2) Environmental pollution
 - (3) Standard product
 - (4) Sexual harassment of employees
- **123.** In a mortgage redemption policy, the sum assured is payable
 - (1) On termination
 - (2) On death any time
 - (3) At the end of the term
 - (4) On death within the term
- **124.** Which of the following is correct?
 - (1) Jeevan Suraksha Retirement income
 - (2) Jeevan Sneha Without profit money back plan
 - (3) Jeevan Sanchaya Without profit money back type plan with provision of loyalty addition
 - (4) All of the above
- **125.** Accidental insurance was started in
 - (1) 1845
- (2) 1870
- (3) 1940
- (4) 1740
- **126.** If a policyholder is reported missing for more than seven years then
 - (1) Maturity claim is payable
 - (2) Death claim is payable assuming non-accidental death
 - (3) Ex-gratia benefit is payable
 - (4) None of these
- 127. Insurer who begins to carry on life insurance business in the year 2000 or later is required to underwrite in the fifth financial year at least
 - (1) 15%
- (2) 17.5%
- (3) 20%
- (4) 25%

- **128.** What does an office conduct a special enquiry in the case of death claim arose after 4 years?
 - (1) For a large sum assured
 - (2) On suspicion of suppression of material facts
 - (3) As a precaution
 - (4) As a routine
- **129.** For registration of insurance for Life Insurance Business, the minimum paid up equity capital of the insurer should be
 - (1) 100 crores (2) 200 crores
 - (3) 250 crores (4) None of these
- **130.** Which of the following is not correct?
 - (1) If loan is accumulated guaranteed surrender value is not payable.
 - (2) Whole Life Insurance Plan is a type of Term Insurance Plan
 - (3) A bank can not ensure the lives of its credit card holders
 - (4) Money Back plan is a type of endowment plan
- **131.** When a fire breaks out it destroys the machinery, building and contacts of the insured firms. This damage is covered under the
 - (1) Material damage policy
 - (2) Capital loss policy
 - (3) Property damage policy
 - (4) None of these
- **132.** When did the Jeevan Shree Policy was withdrawn?
 - (1) January 2001
 - (2) January 2002
 - (3) January 2003
 - (4) January 2004
- **133.** The fact which is material to the risk is decided by the
 - (1) Proposer
- (2) Agent
- (3) Underwriters
- (4) None of these
- **134.** Which of the following policies has not been in produced by Oriental Insurance for the benefit of the farmers?
 - (1) Rice Insurance Policy
 - (2) Krishak Kalyan Bima
 - (3) Khalihan Bima Policy
 - (4) Agricultural Tractor Policy
- **135.** When did personal social security scheme was introduced to help poor families whose annual income was Rs. 7200 or less?
 - (1) 1980
- (2) 1985
- (3) 1990
- (4) 1995

- **136.** Which of the following is a Term Assurance Policy?
 - (1) Bima Sandesh Plan 94 of LIC
 - (2) Life guard of ICICI Pruden-
 - (3) Term Care Plan of Bajaj Allianz
 - (4) None of these
- **137.** Which of the following is not true about New Jana Raksha Policy?
 - (1) The policy will be issued to male lives only
 - (2) Policy will be issued with maximum age at entry of 40
 - (3) Policies will be issued for 12, 15 and 40 years only
 - (4) The maximum sum assured is Rs. 5000
- 138. Which of the following is not true about Jeevan Akshay Policy?
 - (1) No medical examination is necessary to get this policy
 - (2) Post-dated monthly cheques are sent in advance for the whole year.
 - (3) No person is paid
 - (4) The minimum amount to be invested is Rs. 10,000
- 139. Which of the following LIC policies is not correctly matched?
 - (1) Griha Laxmi Policy
 - December, 1975
 - (2) Jana Raksha Policy
 - June, 1981
 - (3) LIC Mutual Fund
 - June, 1987
 - (4) Dhan 80 CCB (1)
 - February, 1991
- **140.** The proposal form is to be signed by the
 - (1) The proposer and the life to be assured
 - (2) The proposer and witness by the third party
 - (3) The proposer and the agent
 - (4) 1 and 3
- 141. In marine insurance loss due to roles and vermin is
 - (1) A statutory exclusion
 - (2) Floating policy
 - (3) Consequential loss
 - (4) None of these
- 142. The large amounts in the life insurance company come by way
 - (1) Interest on loans
 - (2) Premium and return on investment
 - (3) Lapsed policy
 - (4) None of these

- **143.** The rural insurance scheme is regulated by the
 - (1) IRDA
 - (2) Government of India
 - (3) Insurance Act of 1938
 - (4) None of these
- 144. Under contributory scheme of the group insurance the minimum participation of employee must be
 - (1)25%
- (2) 50%
- (3) 75%
- (4) 100%
- 145. Infirmities is related to
 - (1) Old age
- (2) Sickness
- (3) Loss of limbs
- (4) All of the above
- **146.** By producing which document the duplicate policies are issued?
 - (1) Indemnity bond
 - (2) Guarantees
 - (3) Medical report
 - (4) None of these
- 147. Policy acquires surrender value if runs for a period of
 - (1) 2 years
- (2) 3 years
- (3) 4 years (4) 5 years
- 148. Which of the following is not correct?
 - (1) In life insurance contract; disability benefit can not be issued as a separate policy
 - (2) The policy holders has an option to choose the mode of payment of premium
 - (3) Revival of an insurance policy is a fresh contract
 - (4) Settlement option is related to both maturity and death proposal
- 149. How does nomination gets automatically cancelled?
 - (1) Assignment
 - (2) Consideration
 - (3) As per Trust Act
 - (4) Forfeiture
- 150. Which of the following statements is not correct?
 - (1) An insurance policy is a contract in itself as per Insurance Act, 1938
 - (2) Any dispute regarding insurance is referred to the Ombudsman
 - (3) Annunity plan provides guaranteed pension to the a annuitant
 - (4) Financial underwriting is done to evaluate capacity of paying premium

NUMERICAL ABILITY

- **151.** In a division sum, the divisor is 10 times the quotient and 5 times the remainder. If the remainder is 46, the dividend is:
 - (1)4236
- (2) 4306
- (3) 4336
- (4) 5336
- **152.** If 1.5x = 0.04y, then the value

of
$$\left(\frac{y-x}{y+x}\right)$$
 is

- (3) $\frac{7.3}{77}$ (4) $\frac{703}{77}$
- 153. An employee may claim Rs. 7.00 for each km when he travels by taxi and Rs. 6.00 for each km if he drives his own car. If in one week he claimed Rs. 675 for travelling 90 km, how many kms did he travel by taxi?
 - (I) 135
- (2) 155
- (3) 162
- (4) 170
- **154.** The square root of $(3+\sqrt{5})$ is:

(1)
$$\left(\frac{\sqrt{3}}{2} + \frac{1}{\sqrt{2}}\right)$$
 (2) $\left(\frac{\sqrt{3}}{2} - \frac{1}{2}\right)$

(3)
$$\left(\frac{\sqrt{5}}{2} - \frac{1}{\sqrt{2}}\right)$$
 (4) $\left(\sqrt{\frac{5}{2}} + \sqrt{\frac{1}{2}}\right)$

- 155. The mean temperature of Monday to Wednesday was 37°C and of Tuesday to Thursday was 34° C. If the temperature on Thursday was 4/5th that of Monday, then what was the temperature on Thursday?
 - (1) 36.5°C
- (2) 36°C
- (3) 35.5°C
- (4) 34°C
- 156. A certain number of two digits is three times the sum of its digits. If 45 be added to it, the digits are reversed. The number is
 - (1)72
- (2) 32
- (4) 23(3)27
- **157.** Three yeas ago the average age of A and B was 18 years. While C joining them now, the average becomes 22 years. How old (in years) is C now?
 - (1)24
- $\{2\}$ 27
- (3)28
- (4) 30



ANSWER KEY AND SOLUTION



- **26.** (3) Ramesh satisfies criteria A, B, C, I, E, F, G and H. Therefore, his case should be referred to General Manager (Personnel).
- **27.** (2) There is no information regarding criterion H. She also does not satisfy criterion B.
- **28.** (4) Jairam does not satisfy criteria E and F.
- 29. (3) Ravi satisfies all the criteria.
- **30.** (4) There is no information regarding criterion G.
- 31. (2) Mahmud satisfies crieteria A, B, C, D, E, F, G and J.

 Therefore, his case should be referred to the Managing Director.
- **32.** (1) Jayant does not satisfy criterion B.
- **33.** (2) Suresh satisfies criteria A, B, C, D, E, F, G and J.

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- **34.** (1) a a c c / b b a a / c c b b / a a c c / b b
- 35. (4) $16 + 4 \div 2 21 \times 7 = 21$ $\Rightarrow 16 + 4 \times 2 - 21 \div 7 = 21$ $\Rightarrow 16 + 8 - 3 = 21$
- - 1. $E \delta B \Rightarrow E > B$: Not True
 - II. $B \psi E \Rightarrow B = E$: Not True B is either smaller than or equal to E.
- 37. (2) $R \gamma A \Rightarrow R \ge A$ $U \delta L \Rightarrow U > L$ $A \psi H \Rightarrow A = H$ $H \gamma U \Rightarrow H \ge U$ Therefore, $R \ge A = H \ge U > L$ Conclusions
 - I. $H \psi L \Rightarrow H = L$: Not True
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- 38. (2) $W \delta U \Rightarrow W > U$ $Y \psi X \Rightarrow Y = X$ $Z \Leftrightarrow Y \Rightarrow Z < Y$ $X \gamma W \Rightarrow X \geq W$ Therefore, $Z < Y = X \geq W > U$

Conclusions

- 1. $Z \psi W \Rightarrow Z = W$: Not True
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- 39. (1) $W \ S \ N \Rightarrow W < N$ $S \ \Psi \ Q \Rightarrow S = Q$ $R \ \gamma \ N \Rightarrow R \ge N$ $S \ S \ R \Rightarrow S < R$ Therefore, $W < N \le R > S = Q$ Conclusions
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- **40.** (3) $M \ \ L \Rightarrow M < L$ $O \ \delta P \Rightarrow O > P$ $M \ \psi N \Rightarrow M = N$ $O \ \eta \ N \Rightarrow O \le N$ Therefore, $P < O \le N = M < L$ **Conclusions**
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- 41. (3) The structure of some sentences is:

 Noun + Preposition + Noun + Preposition +
 In such sentences, the Verb

In such sentences, the Verb is used according to the Number and Person of the Noun used before the first preposition. For example,

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Singular

goods in all countries is increasing.

Singular

Hence, in the given sentence, 'has changed' should be used

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42. (3) There are some words which

always come in pairs and function as conjunction. These are called correlatives. These are: either....or, neither...nor, both....and, not only...but also, as much...as.

The rule behind their use is: the part of speech that is used with the first part must also be used with the other part.

He gave me not only a book but also money.

For example,

Noun Noun So, 'and also' should be replaced by 'but also.'

43. (2) If the subject of a sentence be a Distributive Pronoun (each/everyone/either/

neither), then the Verb is always singular. For example, Each of them has come.

Here, the use of Plural Verb will be incorrect.

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- **44.** (1) 'Which time' should be replaced by 'when'.
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For example,

The number of girls is increasing in schools.

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- **51.** (3) 'Don't strike/put a match to the bonfire' will be the correct usage.
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Here, remainder = 46

- \therefore Divisor = $5 \times 46 = 230$
- ∴ Quotient × 10 = 230

$$\Rightarrow$$
 Quotient = $\frac{230}{10}$ = 23

- :. Dividend = Divisor × Quotient + Remainder = 230 × 23 + 46 = 5290 + 46 = 5336
- **152.** (2) 1.5 x = 0.04y

$$\Rightarrow \frac{x}{y} = \frac{0.04}{1.5} = \frac{4}{150} = \frac{2}{75}$$

$$\therefore \text{ Expression} = \frac{y - x}{y + x} = \frac{1 - \frac{x}{y}}{1 + \frac{x}{y}}$$

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He gave me not only a book but also money.

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$$\therefore \text{ Expression} = \frac{y-x}{y+x} = \frac{1-\frac{x}{y}}{1+\frac{x}{y}}$$

$$=\frac{1-\frac{2}{75}}{1+\frac{2}{75}}=\frac{\frac{75-2}{75}}{\frac{75+2}{75}}$$

$$= \frac{73}{75} \times \frac{75}{77} = \frac{73}{77}$$

- **153.** (1) Let the employee travelled xkms by taxi.
 - : Distance covered by him by his own car = (90 - x) km. According to the question, $x \times 7 + (90 - x) \times 6 = 675$
 - $\Rightarrow 7x + 540 6x = 675$ x = 675 - 540 = 135
 - :. Required distance = 135 km
- **154.** (4) expression = $\sqrt{3} + \sqrt{5}$

$$=\sqrt{\frac{2(3+\sqrt{5})}{2}}=\sqrt{\frac{6+2\sqrt{5}}{2}}$$

$$=\sqrt{\frac{5+1+2\times\sqrt{5}\times1}{2}}$$

$$= \sqrt{\frac{(\sqrt{5})^2 + (1)^2 + 2 \times \sqrt{5} \times 1}{2}}$$

$$=\sqrt{\frac{\left(\sqrt{5}+1\right)^2}{2}}=\frac{\sqrt{5}+1}{\sqrt{2}}$$

$$=\sqrt{\frac{5}{2}}+\sqrt{\frac{1}{2}}$$

155. (2) $M + T + W = 3 \times 37$

$$T + W + Th = 3 \times 34$$

Subtracting equation (ii) from equation (i),

$$M - Th = (111 - 102)^{\circ} C$$

$$\Rightarrow \frac{5}{4} \text{Th} - \text{Th} = 9^{\circ} \text{ C}$$

$$\Rightarrow \frac{\text{Th}}{4} = 9^{\circ} \text{ C} \Rightarrow \text{Th} = 9 \times 4$$

156. (2) Let the two digit number be = 10y + x.

According to the question, 10y + x = 3(x + y)

$$\Rightarrow 10y + x = 3x + 3y$$

$$\Rightarrow 10y - 3y + x - 3x = 0$$

$$\Rightarrow 7y - 2x = 0$$

and 10y + x + 45 = 10x + y

$$\Rightarrow$$
 9x - 9y = 45

$$\Rightarrow$$
 9 $(x - y) = 45$

$$\Rightarrow x - y = \frac{45}{9} = 5$$

$$\Rightarrow x = y + 5$$
(ii)

Now,
$$7y - 2x = 0$$

 $\Rightarrow 7y - 2(y + 5) = 0$

$$\Rightarrow 7y - 2y - 10 = 0$$

$$\Rightarrow$$
 5 $y = 10$

$$\Rightarrow y = \frac{10}{5} = 2$$

:. From equation (ii),

$$x = 2 + 5 = 7$$

:. Number = $2 \times 10 + 7 = 27$

Note: This problem can be easily solved by hit and trial method out of the given alternatives.

157. (1) Three years ago,

Sum of the ages of A and B

$$= 18 \times 2 = 36 \text{ years}$$

.: Sum of the present ages of A

= 36 + 6 = 42 years

Sum of the present ages of A, B and C

$$= 3 \times 22 = 66 \text{ years}$$

 \therefore Present age of C = 66 - 42 = 24 years

158. (3)
$$2^{2x+1} = \frac{1}{8^{x-3}} = 8^{-(x-3)}$$

$$\Rightarrow 2^{2x-1} = 8^{3-x} = (2^3)^{(3-x)}$$

$$\Rightarrow 2^{2x-1} = 2^{9-3x}$$

$$\Rightarrow 2x-1=9-3x$$

$$\Rightarrow 2x + 3x = 9 + 1$$

$$\Rightarrow 5x = 10$$

$$\Rightarrow x = \frac{10}{5} = 2$$

159. (2) Let the man worked overtime

for x hours.

Basic pay of 40 hours

= Rs. 200.

 \therefore Basic pay of 1 hour = $\frac{200}{40}$

$$= Rs.5$$

According to the question,

$$200 + x \times \frac{5 \times 125}{100} = 300$$

$$\Rightarrow \frac{25}{4}x = 300 - 200$$

$$\Rightarrow x = \frac{100 \times 4}{25} = 16$$

.. Total hours of work =40 + 16 = 56

160. (2) Selling price in the first case = 70% of 90% of 90% of Rs.

$$= \frac{70}{100} \times \frac{90}{100} \times \frac{90}{100} \times 10000$$

Selling price in the second

= 95% of 95% of 60% of Rs. 10000

$$=\frac{95}{100}\times\frac{95}{100}\times\frac{60}{100}\times10000$$

:. Saving = Rs. (5670 - 5415)= Rs. 255

161. (1) According to the question,

$$\frac{2}{5}$$
A+40 = $\frac{2}{7}$ B+20

$$=\frac{9}{17}$$
C+10 = x (let)

$$\Rightarrow A = \frac{5}{2}(x - 40),$$

$$B = \frac{7}{2}(x-20)$$
 and

$$C = \frac{17}{9}(x-10)$$

$$\therefore \frac{5}{2}(x-40) + \frac{7}{2}(x-20) + \frac{17}{9}(x-10) = 600$$

$$45(x-40)+63(x-20)$$

$$\Rightarrow \frac{+34(x-10)}{18} = 600$$

$$\Rightarrow \frac{45x - 1800 + 63x - 1260 + 34x - 340}{18} = 600$$

$$\Rightarrow 142x - 3400 = 18 \times 600$$

$$\Rightarrow 142x = 10800 + 3400$$
$$= 14200$$

$$\Rightarrow x = \frac{14200}{142} = 100$$

:. A' share =
$$\frac{5}{2}(100-40)$$

= Rs.
$$\left(\frac{5}{2} \times 60\right)$$
 = Rs. 150

