

XAT - 2010

Name _____

Test Booklet No. _____

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Booklet Series: **D**

INSTRUCTIONS

1. **DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO.**
2. Fill in the information required on the answer sheet. Your test may not be evaluated if the required details are not entered on the answer sheet.
3. **This booklet consists of three sections A, B and C with 30, 31, and 40 questions respectively, i.e. a total of 101 questions.** If there is a problem with your test booklet, immediately inform the invigilator/supervisor. You will be provided with a replacement.
4. Do not seek clarification on any item in the test booklet from the test invigilator or the centre supervisor. Use your best judgement.
5. You are required to answer questions from all three sections and expected to maximize scores in each section.
6. Each question has five alternatives. Answer each question by darkening the appropriate alternative letter against the question number on the answer sheet. For example if your answer to question number 1 is 'B', darken fully the circle 'B' against question 1.
7. All answers are to be marked only on the (OMR) answer sheet. Use the margin in the test booklet for rough work. No other piece of paper is permitted to be used for rough work.
8. Use only HB pencil.
9. **NEGATIVE MARKS (one fifth of a mark) may be deducted for the first six incorrect answers in each section and 0.25 (quarter of a mark) for each incorrect answer thereafter.**
10. Failure to follow instructions and examination norms will lead to disqualification.

To open the test booklet, insert a pencil beneath this page and tear open along the right side of the test booklet as indicated by the arrow at the bottom of the page.

PLEASE WAIT FOR THE SIGNAL TO OPEN THE TEST BOOKLET.

BEST OF LUCK!

Open from this side



Section B - Verbal Ability and Logical Reasoning

31. Read the sentences and choose the option that best arranges them in a logical order.

1. He might make the opposite mistake; when I want to assign a name to this group of nuts, he might understand it as a numeral,
2. Now, one can ostensibly define a proper name, the name of a colour, the name of a material, a numeral, the name of a point of the compass and so on.
3. The definition of the number two. "That is called 'two' " pointing to two nuts is perfectly exact. But how can two be defined like that?
4. He *may* suppose this; but perhaps he does not.
5. The person one gives the definition to doesn't know what one wants to call "two"; he will suppose that "two" is the name given to *this* group of nuts!

- (1) 1, 2, 3, 5, 4
- (2) 2, 3, 5, 4, 1
- (3) 3, 5, 4, 2, 1
- (4) 5, 2, 3, 1, 4
- (5) 2, 3, 4, 1, 5

Analyse the following transcript (from the movie *Matrix*) and provide an appropriate answer for the questions 32 through 33 that follow:

Neo: Morpheus, what's happened to me? What is this place?

Morpheus: More important than what is when.

Neo: When?

Morpheus: You believe it's the year 1999 when in fact it's closer to 2199. I can't tell you exactly what year it is because we honestly don't know. There's nothing I can say that will explain it for you, Neo. Come with me. See for yourself. This is my ship, the Nebuchadnezzar. It's a hovercraft. This is the main deck. This is the core where we broadcast our pirate signal and hack into the Matrix. Most of my crew you already know.

(Next Scene: Construct)

Morpheus: This is the construct. It's our loading programme. We can load anything from clothing, to equipment, weapons, training simulations, anything we need.

Neo: Right now we're inside a computer programme?

Morpheus: Is it really so hard to believe? Your clothes are different. The plugs in your arms and head are gone. Your hair is changed. Your appearance now is what we call residual self image. It is the mental projection of your digital self.

Neo: This...this isn't real?

Morpheus: What is real? How do you define real? If you're talking about what you can feel, what you can smell, what you can taste and see, then real is simply electrical signals interpreted by your brain.

...This is the world that you know. The world as it was at the end of the twentieth century. It exists now only as part of a neural-interactive simulation that we call the Matrix. You've been living in a dream world, Neo. .. This is the world as it exists today. Welcome to the Desert of the Real. We have only bits and pieces of information but what we know for certain is that at some point in the early twenty-first century all of mankind was united in celebration. We marvelled at our own magnificence as we gave birth to Al.

Neo: Al? You mean artificial intelligence?

Morpheus: A singular consciousness that spawned an entire race of machines. We don't know who struck first, us or them. But we know that it was us that scorched the sky. At the time they were dependent on solar power and it was believed that they would be unable to survive without an energy source as abundant as the sun. Throughout human history, we have been dependent on machines to survive. Fate it seems is not without a sense of irony. The human body generates more bio-electricity than a 120-volt battery and over 25,000 BTU's of body heat. Combined with a form of fusion the machines have found all the energy they would ever need. There are fields, endless fields, where human beings are no longer born, we are grown. For the longest time I wouldn't believe it, and then I saw the fields with my own eyes. Watch them liquefy the dead so they could be fed intravenously to the living. And standing there, facing the pure horrifying precision, I came to realize the obviousness of the truth. What is the Matrix? Control. The Matrix is a computer generated dream world built to keep us under control in order to change a human being into this.

Neo: No. I don't believe it. It's not possible.

Morpheus: I didn't say it would be easy, Neo. I just said it would be the truth.

Neo: Stop. Let me out. Let me out. I want out.

32. The innate factor responsible for the status of human beings in later part of 22nd century is

- (1) Due to human beings living in a dream world and being happy about it.
- (2) The ability of human body to generate bio-electricity.
- (3) The decision to scorch the sky.
- (4) The development of artificial intelligence by human beings.
- (5) Due to human beings developing the ability to hack into the matrix.

33. Choose the option that *cannot* be inferred from the idea discussed in the transcript:

- (1) Morpheus and his crew have developed an ability to hack into the matrix.
- (2) A war between human beings and machines is going on for some decades.
- (3) The sources of power for human beings and machines were different.
- (4) Machines require human beings for their survival now.
- (5) Morpheus and his crew are not entirely controlled by the matrix.

34. Widespread use of lectures in class-rooms in business schools leads to severe negative consequences. The first consequence is theoretically knowledgeable graduates who cannot apply theory to solve real world problems. The more serious consequence is that lectures encourage a feeling of total omniscience among them which persists for quite some time after graduating. This feeling prevents "them from learning from their subordinates and colleagues.

Which of the following can best help to reduce these negative consequences among the students in a business school?

- (1) Use illustrations of real life problems in classrooms.
- (2) Send the students to find business problems so that it can be discussed in classrooms.
- (3) Business education to be given to students, who have work experience.
- (4) Modify the pedagogy to have knowledge of theory and application in parallel.
- (5) Removing theoretical inputs from the curriculum altogether; only practical problems to be discussed in class rooms.

Analyse the following passage and provide an appropriate answer for the questions 35 through 36 that follow.

Silver is especially and repetitively savage about what he sees as the extravagant claims made for particle physics, arguing that once the proton, neutron, and electron were found and their properties experimentally confirmed, the very expensive searches for ever more exotic particles, such as the Higgs Boson, were increasingly harder to justify other than by their importance to particle physicists. Most of the particles resemble ecstatic happiness: They are very short-lived and have nothing to do with everyday life. His repeated assault goes to the level of sarcasm: "Finding the Higgs Boson will be a magnificent technical and theoretical triumph. Like a great Bobby Fisher game". Of course, this is a tad unfair, even if some of the claims of its practitioners invite such assaults on their field.

35. Which of the following, if true, will weaken the argument described in the passage?

- (1) All streams of new science need to undergo through a period of uncertainty and we should not criticize research in particle physics alone.
- (2) Necessity is the mother of every invention.
- (3) Knowledge has preceded application in all spheres of science.
- (4) Funding agency supporting research on Higgs Boson do not mind wasting their money.
- (5) Do not expect everyone to appreciate everything.

36. Identify the statement(s) that is(are) logically consistent with the content of the paragraph:

- I. Silver is an ardent critic of Higgs Boson theory.
- II. Everyday life has nothing to do with experimental confirmation of the properties of proton, neutron and electron.
- III. Identifying more information about Higgs Boson is a significant contribution to particle physics.
- IV. Research on exotic particles in particle physics is an expensive proposition.

- (1) Only I
- (2) Only II
- (3) Only II and IV
- (4) Only IV
- (5) Only I and IV

Analyse the following passage and provide an appropriate answer for the questions 37 through 38 that follow.

Fashion is different from custom, or rather is a particular species of it. That is not the fashion which everybody wears, but which those wear who are of a high rank, or character. The graceful, the easy, and the commanding manners of the great, joined to the usual richness and magnificence of their dress, give a grace to the very form which they happen to bestow upon it. As long as they continue to use this form, it is connected in our imaginations with the idea of something that is genteel and magnificent, and though in itself it should be indifferent, it seems, on account of this relation, to have something about it that is genteel and magnificent too. As soon as they drop it, it loses all the grace, which it had appeared to possess before, and being now used only by the inferior ranks of people, seems to have something of their meanness and awkwardness.

37. Which phrase would be the best title of the passage?

- (1) Proletariat fashion models and fashion shows
- (2) Scourge of fashion

- (3) The clothes maketh the man
- (4) The man maketh the cloth
- (5) Predicting fashion-trends and character

38. Which is nearest to the central idea in the passage?

- (1) Fashion improves grace of a person.
- (2) Grace is indicated by the fashion adopted.
- (3) Grace is a characteristic of imaginative persons.
- (4) The contemporary nature of fashion portrays the society.
- (5) Grace is a reflection of the person's rank or character.

39. Social roles may either conflict or cooperate within any given person, depending upon the circumstances. They conflict when the behaviour patterns demanded by one role cannot be performed while performing the second role. Thus, one cannot easily be a saintly rake or a feminine brut, but given an understanding husband, a woman can be both a loving wife and a loving mother with no conflict between the roles.

Which of the following methods is used by the author to make his or her point?

- A. Applying an individual attribute to a whole
- B. Implying contradictions without actually citing them
- C. Relying on common-sense notions of social roles
- D. Presenting specific examples to clarify a generality
- E. Using paradox to highlight an implicit contradiction

40. While no one made any _____ the financial scandal while he was in the room, there was a feeling of awe to the _____ created by the broker that had snared many unsuspecting investors under the _____ that everyone would end up rich and the fact that he had been celebrating his _____ of the legal authorities by attending parties.

The option that best fills the blanks in the above paragraph would be:

- (1) delusion, elusion, allusion, illusion
- (2) elusion, illusion, allusion, delusion
- (3) allusion, delusion, illusion, elusion
- (4) illusion, allusion, delusion, elusion
- (5) allusion, illusion, delusion, elusion

Analyse the following passage and provide an appropriate answer for the questions 41 through 42 that follow.

One key element of Kantian ethics is the idea that the moral worth of any action relies entirely on the motivation of the agent: human behaviour cannot be said good or bad in light of the consequences it generates, but only with regards to what moved the agent to act in that particular way. Kant introduces the key concept of duty to clarify the rationale underpinning of his moral theory, by analysing different types of motivation. First of all individuals commit actions that are really undertaken for the sake of duty itself, which is, done because the agent thinks they are the right thing to do. No consideration of purpose of the action matters, but only whether the action respects a universal moral law. Another form of action (motivation) originates from immediate inclination: Everyone has some inclinations, such as to preserve one's life, or to preserve honour. These are also duties that have worth in their own

sake. But acting according to the maxim that these inclinations might suggest - such as taking care of one's own health - lacks for Kant true moral worth. For example, a charitable person who donates some goods to poor people might do it following her inclination to help the others - that is, because she enjoys helping the others. Kant does not consider it as moral motivation, even if the action is in conformity with duty. The person acting from duty would in fact donate to the other because she recognizes that helping the others is her moral obligation. Final type of motivation suggested by Kant include actions that can be done in conformity with duty, yet are not done from duty, but rather as a means to some further end. In order to illustrate this type of motivation, Kant provides the following example. A shopkeeper who does not overcharge the inexperienced customer and treats all customers in the same way certainly is doing the right thing - that is, acts in conformity with duty - but we cannot say for sure that he is acting in this way because he is moved by the basic principles of honesty: "it is his advantage that requires it". Moreover, we cannot say that he is moved by an immediate inclination toward his customers, since he gives no preference to one with respect to another. Therefore, concludes Kant, "his action was done neither from duty nor from immediate inclination but merely for purposes of self-interest".

41. Consider the following examples:

- i) Red Cross volunteer who donates blood every year to thank an anonymous donor who saved the life of his mother some time back
- ii) A voluntary organization which conducts regular blood donation camps to improve its legitimacy

As per the passage, correct statement(s) related to the above examples would be:

- I. The source of motivation for both examples is same
- II. Individuals may commit actions for reasons beyond duty
- III. Both examples illustrate the concept of moral worth

- (1) Option I only
- (2) Option II only
- (3) Options I & II
- (4) Option III only
- (5) Options II & III

42. Which of the following inferences would be against the ideas in the passage?

- I. Kantian ethics considers the moral worth of an inclination on the basis of its consequence.
- II. Actions motivated by the inclination of an individual lacks moral worth.
- III. Elements of moral obligation reduces the moral worth of a duty, which has some worth in itself.

- (1) Option I only
- (2) Options I & II
- (3) Options II only
- (4) Options III only
- (5) Options II & III

43. "So you want me to proscribe *Ceecee*... ". The most suitable inference about *Ceecee* can be:

- (1) A book written by a senior politician who was expelled recently from the party, revealing the unpalatable secrets about the functioning of the government.
- (2) A newly published book from the most respected management expert worldwide.

- (3) A specific medicine requested by a patient; here the request is made to a family doctor, who is also a close friend of the patient.
- (4) A leader who needs moral support from friends.
- (5) A student who asks for a specific instruction from her teacher.

44. Read the sentences and choose the option that best arranges them in a logical order.

1. Well, it may mean various things; but one very likely thinks first of all that a picture of the object comes before the child's mind when it hears the word.
2. But what does this mean?
3. I will call it "ostensive teaching of words". I say that it will form an important part of the training, because it is so with human beings; not because it could not be imagined otherwise.
4. But now, if this does happen – is it the purpose of the word? Yes, it may be the purpose. I can imagine such a use of words (of series of sounds).
5. This ostensive teaching of words can be said to establish an association between the word and the thing.

- (1) 2, 3, 4, 5, 1
- (2) 2, 3, 5, 4, 1
- (3) 3, 5, 4, 2, 1
- (4) 5, 3, 2, 1, 4
- (5) 3, 5, 2, 1, 4

- 45.** The boss called to inform that he _____ be coming to office that day. However the employees did not take it easy as they know it was his _____ to give them a surprise by coming in and checking who was at work. Any employee, once caught not working, would then be required to _____ on the reasons for not working and if the boss was not satisfied the employee had to work on Sunday to _____ the wrong.

The option that best fills the blanks in the above paragraph would be:

- (1) won't, wont, expatiate, expiate
- (2) won't, wont, expiate, expatiate
- (3) wont, won't, expatiate, expiate
- (4) won't, wont, expatriate, expiate
- (5) wont, won't, expatriate, expatiate

Analyse the following passage and provide an appropriate answer for the questions 46 through 48 that follow.

When we speak of the "probability of death", the exact meaning of the experience can be defined in the following way only. We must not think of an individual, but of this expression can be defined in the following way only. We must not think of an individual, but of a certain class as a whole, eg., "all insured men forty-one years old living in a given country and not engaged in certain dangerous occupations." A probability of death is attached to the class of men or to another class that can be defined in a similar way. We can say nothing about the probability of death of an individual even if we know this condition of life and health in detail. The phrase "probability of death", which it refers to a single person, has no meaning at all.

- 46.** Which of the following conclusions can be drawn from the passage?

1. Singular, non replicable events can be assigned numerical probability value.
2. Probability calculation requires data of the class of people or of events.

3. The data about a class of events can be used to predict the future of any specific event.

- (1) 1 only
- (2) 2 only
- (3) 1 and 2
- (4) 2 and 3
- (5) 1 and 3

47. Which of the following statements would the author(s) disagree to the most?

The outcome of a boxing match to be held in Los Angeles between two boxers, Joe and Mark, belonging to two different boxing clubs can be analysed and an outcome can be assigned a numerical value:

- (1) if assignment of the boxers' current fitness levels and their strengths is done by experts.
- (2) by analysis of outcomes of fights between the boxers belonging to the two clubs.
- (3) by analysis of outcomes of fights between the two boxers at different venues.
- (4) by comparing of outcomes of fights between the two boxers against same opponents.
- (5) by analysis of outcomes of fights between the two boxers at the same venue in Los Angeles.

48. Which of the following statements would the author(s) agree to the most?

The outcome of a boxing match to be held in Los Angeles between two boxers, Joe and Mark, belonging to two different boxing clubs can be analysed and an outcome can be assigned a numerical value:

- (1) if assignment of the boxers' current fitness levels and their strengths is done by experts.
- (2) by analysis of outcomes of fights between the boxers belonging to the two clubs.
- (3) by analysis of outcomes of fights between the two boxers at different venues.
- (4) by comparing of outcomes of fights between the two boxers against same opponents.
- (5) by analysis of outcomes of fights between the two boxers at the same venue in Los Angeles.

49. "The sum of behaviour is to retain a man's dignity without intruding upon the liberty of others", stated Sir Francis Bacon. If this is the case, then not intruding upon another's liberty is impossible.

The conclusion strongly implied by the author of the passage is:

- (1) Retaining one's dignity is impossible without introducing upon author's liberty.
- (2) Retaining dignity does not necessarily involve robbing other's liberty.
- (3) Dignity and liberty are mutually exclusive.
- (4) There is a ways the possibility of a 'dignified intrusion'.
- (5) Retaining dignity never involves intrusion into other's liberty.

50. **Gourmet is to gourmand as**

- (1) aquatic is to aqueduct
- (2) foliage is to fodder
- (3) ecclesiastic is to earthy
- (4) election is to elector
- (5) epitaph is to epilogue

51. In the song sung on Independence day, Ram's voice was _____.

The option that best fills in the blank in the above sentence would be:

- (1) high pitched
- (2) pitched high
- (3) possessing of high pitch
- (4) characterised by pitch
- (5) of higher pitch

52. In the election of 2009, the internet emerged as the new communication _____ to be used by political parties to inform the voters about their agenda.

The option that best fills in the blank in the above sentence would be:

- (1) mode
- (2) instrument
- (3) medium
- (4) media
- (5) method

53. "Indigestion? Acidity? Unable to sleep?...Don't spend the time tossing and turning! Tak Magix for a sound, restful sleep ... you 'll soon fall asleep, and wake up refreshed and energized. Remember ... Magix when you are suffering from acidity and need that sleep!"

All of the following are claims of *Magix* except:

- (1) A good night's sleep
- (2) Added energy
- (3) A cure to indigestion
- (4) Quickly falling asleep
- (5) A restful slumber

54. Filmmakers tend to highlight their emotional points with visuals, rather than dialogue. Words tend to be the tools of playwrights. Images are the stuff that films are made of. Nevertheless, many successful films have been made from stage plays and contain little else than one location or one stage set.

The option most opposite to the idea in the paragraph:

- (1) Films are not necessarily a filmmaker's medium.
- (2) Films are not limited to any one particular style.
- (3) Films are solely built upon visual and eye-catching scenes.
- (4) Films are better made by playwrights and novelists.
- (5) Films perhaps are better understood by literary critics.

55. **Classify following sentences into Fact (F), Judgment (J) and Inference (I) based on the definitions provided below, and choose the most suitable sequence among the given options.**

Fact (F): If it is known matter of direct observation, or an existing reality or something known to be true.

Judgment (J): If it is an opinion or estimate or anticipation of common sense or intention.

Inference (I): If it is logical conclusion or deduction about something based on the knowledge of facts.

- i. Proper allocation of resources is required for the overall development of our economy.
- ii. Government has decided to allocate the gas from KG basin to power fertiliser sector.
- iii. A court decision against the declared policy guidelines can result in government intervention in the form of an appeal.
- iv. Some section of the society may consider this decision as a deliberate attempt to protect some private interest.

- (1) IFIJ
- (2) FFJJ
- (3) JFJI
- (4) JFFI
- (5) FFII

Analyse the following passage and answer the question 56-57.

Some words are highly inflammable. Fusion is one of them. You can get two sets of people into a war mode by just uttering the words “fusion music”. One set will breathe fire and say it violates the purity of music: the other set will tell you earnestly that it opens the border of music.

56. The statements “Some words are highly inflammable”.

- (1) captures the essence of the passage.
- (2) is a linguistic embellishment to the passage.
- (3) is an irrelevant exaggeration used in the passage.
- (4) is an unsubstantiated dogmatic assertion.
- (5) is a contradictory statement in the passage.

57. From the purists’ perspective, the “war” between two sets of people can best be

- (1) categorized as an ideological conflict between two ideas.
- (2) termed as a conflict between two generations – the younger versus the older generation.
- (3) an attempt to preserve the core principles.
- (4) seen as an attempt of people at the margin to occupy centre-stage.
- (5) seen as preserving the social identity of purists.

58. _____ children in rains run the risk of getting lost.

The option that best fills the blank in the above sentence would be:

- (1) Lonely
- (2) Solitary
- (3) Single
- (4) Unaccompanied
- (5) Unguarded

59. The increase in the number of reality shows on television channels bolsters the contention that channels owners are more interested in boosting their revenues by pandering to voyeuristic tendencies of viewers.

The premise behind the above argument is that

- (1) reality shows on television channels are a recent phenomenon.
- (2) everything that channel broadcasts should be educational.
- (3) reality shows on television appeal to the basic instincts of viewers.
- (4) reality shows make more money than other types of programs.
- (5) the channel owners can influence what is watched by the viewers.

60. An extract from a magazine's weekly forecast for different sun signs is given below. Analyse the extract and answer the following question.

Pisces (February 19 – March 20)

- (1) is quite relevant and will allow Pisceans to plan the week much better.
- (2) points out the advantage of Pisceans of using imaginative approaches.
- (3) is justified given the nature of competition typically faced by Pisceans.
- (4) puts forth a generic principle which applies to all persons.
- (5) can only be written by astrologers as such forecast are based on research.

61. Unlike other retail outlets, where items are purchased in any number of units the customer wants, in super-markets items are grouped in bulk packages. This bulk buying offers savings to the customer. The option to buy at wholesale prices by buying in bulk makes super-markets a practical choice for budget-conscious consumers.

Which of the following is an assumption necessary to the author's argument?

- (1) Super-markets often have great buying power and lower overhead costs, so they can offer a greater variety of products than regular retail outlets.
- (2) Super-markets are often more conveniently located and have better parking facilities.
- (3) The emergence of super-markets has caused many small retail stores to close down and thus eliminate competition.
- (4) It is economically wise to buy single items since bulk packages seldom offer significant savings.
- (5) The financial savings from purchasing bulk packages may outweigh the inconvenience of being unable to purchase in any number of units that suits the customer needs.