

Section – I

Directions for questions 1 to 5: Each question has a main statement followed by four statements. Choose the ordered pair of statements where the first statement implies the second and the two statements are logically consistent with the main statement.

1. Ramesh either goes to school or does not go to the museum.
A. Ramesh went to the museum
B. Ramesh did not go to the museum
C. Ramesh went to school
D. Ramesh did not go to school
a. AC b. CB c. CD d. DA
2. Sachin scores a century in a match only if he is out on the first ball in that match.
A. Sachin scored a century in the match today.
B. Sachin did not score a century today.
C. Sachin was out on the first ball today
D. Sachin was not out on the first ball in the match today.
a. BC b. CB c. AD d. DB
3. Sehwag opens India's innings if India bats first
A. Sehwag opened
B. India batted first
C. India did not bat first
D. Sehwag did not open
a. AB b. CD c. BC d. DC
4. Little Red Riding Hood eats the wolf if it does not attack her.
A. Little Red Riding Hood ate the wolf
B. Little Red Riding Hood did not eat the wolf.
C. The wolf attacked Little Red Riding Hood.
D. The wolf did not attack Little Red Riding Hood.
a. AB b. CD c. BC d. AC
5. Vivek marries Ash if Salman does not marry her
A. Vivek married Ash
B. Salman married Ash
C. Salman did not marry Ash.
D. Vivek did not marry Ash.
a. AC b. DB c. BD d. BC

Directions for questions 6 to 10: Each question consists of five statements followed by four sets of combinations of three. Choose the set in which the statements are most logically related.

6. A. Akshat may be a Martin fan
B. Akshat is an English student
C. Akshat is a Martin fan
D. Akshat is a Henry fan
E. All English students are Martin fans.
a. BCE b. ECB c. BEA d. BEC
7. A. All sea creatures are mermaids
B. Seals are not mermaids
C. Seals are mermaids
D. Seals are whales
E. Seals are sea creatures
a. CAE b. CDE c. EAC d. DCB
8. A. Chess is fun
B. Cricket is fun
C. Chess is sin
D. Cricket is sin
E. All sins are funs
a. ABD b. CEA c. AEC d. ACE
9. A. Germany is France
B. France is Holland
C. Holland is Russia
D. Germany is Holland
E. Russia is Asia
a. BAD b. BCE c. ABC d. DBA
10. A. Cats shed leaves
B. Leaves shed trees
C. Plants shed leaves
D. Trees shed cats
E. Cats are plants
a. ECA b. CBD c. ECB d. BCD

Directions for questions 11 to 20: Sentences from a paragraph are given in random order in the following questions. Choose the option which has the order of sentences required to form a coherent paragraph.

11. A. With time to kill, I discover that Sydney airport offers several excellent viewing spaces at the international terminal with hugely oversized picture windows.
B. Returning to Sydney is like meeting up with an old friend.
C. And nowhere is the feeling of comfort and ease greater than at the city's airport, an accessible, fascinating place that is in itself a tourist attraction — plane spotting at Sydney airport is a favourite with travelers to the city.

- D. Come to think of it, what trip to an airport would be complete without a moment taken for plane spotting?
- a. ABCD b. BDCA c. BADC d. BCDA
12. A. This is demonstrated in multiple instances of the employees who are frequently more willing to go above and beyond the call of duty to improve the company.
 B. But more important than the financial benefits is the mind-set that business ownership provides.
 C. In addition to receiving generous compensation packages, Southwest employees are also privy to a top-notch profit-sharing package that includes stock ownership; together they now own approximately 11 percent of the company.
 D. As part owners of Southwest, its employees are more willing to pitch in and do whatever is necessary to keep the business operating and profitable.
- a. CBDA b. ABDC c. ACDB d. CADB
13. A. Until the customer says stop, the marketer has his or her continued permission to make deliveries of specified products or services.
 B. At the pinnacle of permission marketing is the "intravenous" level of permission, in which the marketer has the consent of the prospect to make buying decisions on his or her behalf.
 C. Automatic replenishment of supplies is one example of this level: The customer relies on a supplier to ensure that a product is never depleted.
 D. A variation of this level of this "intravenous" level of permission is purchase on approval, wherein a second authorization is required before the customer is billed.
- a. ABDC b. BCAD c. ADCB d. BADC
14. A. These elements of setting contribute powerfully to Hitchcock's message about psychological abnormality as a cause of crime.
 B. One of the most remarkable settings in film history, the parlour is filled with stuffed birds that anticipate both Marion's death and Mrs. Bates's taxidermic condition.
 C. Predators with cruel eyes and frightening beaks, the birds also stand for Norman, who will soon be peering at Marion in the shower and murdering her.
 D. A key transitional scene occurs in the parlour of the Bates Motel, where Norman gives Marion her last supper.
- a. DBCA b. DABC c. ABCD d. DBAC
15. A. These values presuppose that each participant is a profit centre bent on maximizing his or her profits to the exclusion of all other considerations.
 B. How do economic values relate to other kinds of values?
 C. This limitation arises because economic values express only what an individual market participant is willing to pay another in free exchange for something else.
 D. That is not a question that can be answered in a timeless, universally valid manner, except to say that economic values (alone) cannot be sufficient to sustain society.
- a. ACDB b. BDCA c. BADC d. BCDA

16. A. Ventura had been hooked on electrogravitics for years.
 B. "They'd sit there and sputter, and nothing else."
 C. At age 16 he ordered a hover-board kit advertised in Popular Mechanics.
 D. "I built so many different prototypes that never did anything."
 E. It didn't work; neither did anything else he ordered from the back of a magazine or designed himself.
 F. "Or you'd get a tiny little result — you'd kind of see it wiggle or wobble."
 a. AEBCDF b. ABCEDF c. ACEDBF d. AECDBF
17. A. Lifters go back to the 1920s, with the work of inventor Thomas Townsend Brown.
 B. When he pumped a high voltage charge through a capacitor, it would produce a tiny propulsive force in one direction.
 C. When he went to University, under the direction of mentor Paul Biefeld, Brown began experimenting with capacitors — electronic components that can store and release a charge
 D. Born into a wealthy Ohio construction family, he was a lacklustre student who loved to mess with electricity and whatever gadgets he could lay his hands on.
 E. During one of his experiments, Brown noticed something odd.
 F. He'd strap a capacitor to the end of a lever, turn on the current, and it would jump to one side, like the arm on a metronome.
 a. ADCEBF b. ABCEDF c. ACBDEF d. AEBCDF
18. A. One of the more clandestine games to be played in Athens this August is the competition between the anti-doping laboratories and the drug cheats.
 B. Rusedski was cleared of any wrong-doing this March after he argued that he had unwittingly taken contaminated electrolyte supplements supplied by the Association of Tennis Professionals (ATP).
 C. Yet the source of some of these positive drug tests may be over-the-counter medications and nutritional supplements, rather than banned drugs.
 D. This time, one can expect hormones such as anabolic steroids, testosterone, growth hormones and erythropoietin to make the headlines.
 E. This was the case for several tennis players, including UK star Greg Rusedski, who tested positive for the banned steroid nandrolene last year.
 F. This experience shows that finding the right balance between catching those who knowingly cheat and setting impossible standards is a considerable challenge.
 a. AEDCBF b. ADCEBF c. ACEBDF d. AECDBF
19. A. More than thirty years have passed since the advent of the theory of plate tectonics.
 B. Rigid plates and the narrow, deformable boundaries dividing them explain much of the action on the earth's surface.
 C. In their paper on this issue, Steinberger et al integrate these processes and make them relevant to both field geologists and geodynamicists.
 D. In addition, plumes of hot material rising from great depth in the mantle are thought to feed 'hotspots', producing surface tracks of volcanism in the middle of plates, and regions of very active mid-ocean-ridge volcanism.

- E. Complicating this picture are zones of deformation, such as the Basin and Range province in the US, that exist within supposedly rigid plates.
- F. Their work centres on the Hawaiian-emperor bend, a kink in the chain of islands and seamounts that was produced 43-50 million years ago.
- a. AEDCBF b. ABFEDC c. AECDBF d. ABDECF
20. A. Computer glitches would be a lot less annoying if the machines were programmed to acknowledge errors gracefully when something goes wrong, instead of merely flashing a brusque 'you goofed' message.
- B. Jeng Tzeng took inspiration from this thought and is researching the area.
- C. The trick, according to many studies, which have dealt with analysis of users' responses to their computers, is to make software more "civilized" by saying sorry more often.
- D. That way people won't feel they are stupid or at fault, as they become less apprehensive about using computers, and perhaps more productive and creative.
- E. He wondered if people would be more forgiving of more courteous computers.
- F. To find out, Tzeng wrote two versions of a computer-based guessing game — one apologetic and the other brusque — and asked 269 high-school students to play one or the other.
- a. ACDBEF b. AEDCBF c. ABCDEF d. ACBEDF

Directions for questions 21 to 24: In the following questions, mark the antonym for the underlined word as your answer.

21. The lassitude of the Government led to the worsening of the situation in Gujarat.
- a. alacrity b. lackadaisical c. lachrymose d. laurel
22. The police force found it difficult to control the obstreperous crowd.
- a. clamorous b. naughty c. subtle d. obstinate
23. Govinda is known for his flagrant comedy and clothes.
- a. covert b. flattering c. obscure d. slapstick
24. The formula that Bollywood films follow is but a cliché. This makes them vapid to watch.
- a. vivacious b. versatile c. insipid d. virtual

Directions for questions 25 to 32: Read the following arguments and answer the questions that follow.

For questions 25 and 26:

There are a lot of people who are suspicious of rationality and logic because they view them as opposed to emotions: a rational person is often assumed to be lacking in feelings, to be cold. This seems to me a false opposition.

While it is true that the main reason that people hold irrational beliefs or act irrationally is that they get carried away by their emotions, or because their emotions are inappropriate to the occasion, it does not follow that a rational person does not have feelings. What makes someone a rational person is not that they don't have feelings, but that they will not be governed by them.

25. Which of the following actions would the writer consider rational?
- a. To have a craving for something that the doctor has said is bad for me.
 - b. To have a craving for something that the doctor has said is bad for me and indulging in that thing to excess.
 - c. To have a view of myself as a victim of my emotions.
 - d. To view myself as being unable to control my life.
26. Which of the following actions would the writer consider irrational?
- a. To be in love with someone.
 - b. To be in love with someone and needing to 'own' them to be sure of their love in return.
 - c. To be in love with someone and constantly and without good reason suspecting one's lover of being unfaithful.
 - d. Both (b) and (c)
27. Many New York taxi drivers decide when to finish work each day by setting themselves a daily income target, and on reaching it they stop. This means that they typically work fewer hours on a busy day than on a slow day. Rational labour-market theory predicts that they will do the opposite, working longer on the busy day when their effective hourly wage-rate is higher, and less on the slow day when their wage-rate is lower.

Which of the following statements can best explain the paradox observed in the argument?

- a. The taxi drivers believe in spending their money as soon as they earn it.
 - b. Instead of always trying to maximise their gain, the taxi-drivers may act from "loss-aversion."
 - c. The taxi drivers believe that it is economically more viable to have more leisure time as against more daily wages.
 - d. None of the above
28. Logic is a tool that helps us to reason things out and act rationally; much like arithmetic is a tool that helps us to keep count of things. And just as the building blocks of arithmetic are numbers, so the building blocks of logic are propositions. This is the main meaning of the word "proposition", which is quite different from the meanings of some of its cognates, such as "to propose" and "make a proposal", which mean something like "to put forward" or "to suggest".

Propositions are related by reasoning, or (logical) arguments: in a (logical) argument, propositions stand in a special relationship to one another, such that some 'follow from' others, (or are claimed to) — the 'conclusion' of such an argument is 'deduced' from the 'premises'. Note that this use of the word "argument" must be distinguished from other meanings it can have, e.g. when we say: "A heated argument followed," or "They had good arguments on their side."

Which of the following is/are (logical) arguments?

- a. Close the window, because I am feeling cold.
- b. Only rainy days or Sundays get me down; it must be raining, because it isn't Sunday and I am down.
- c. After the rain, the sky quickly cleared and it became a fine day.
- d. "I am right." — "No, you're not." — "Yes, I am." — "No, you aren't."

29. *There are ethical reasons why human cloning should not at present go ahead even in single cases.*

...

This Catch-22 may well stymie human cloning forever. So why bother to dissent from the howls of protest that attended the advent of Dolly [a lamb, the first mammal to have been successfully cloned]? Because it is an error to reach the right decision [that human cloning would be morally wrong or should be controlled] for the wrong reason. The vague feeling that cloning is an unnecessary offence against the natural scheme may very well solidify into a backlash against many of the other efforts of biologists. That would be a pity. ...

The fact that new technologies feel scary or strange [which is presumably why there were "howls of protest" concerning the cloning of Dolly] should not be enough to rule them out.

Which of the following statements would strengthen the writer's argument?

- a. Developing countries cannot afford to invest in biotechnology because of paucity of funds.
 - b. Some 'enlightened' countries have already sanctioned funds for R&D efforts in human cloning.
 - c. The careful application of biotechnology to plants and animals is already bringing benefits.
 - d. All of the above
30. It could be said that typically we give a scientific explanation of a phenomenon by specifying its cause: thus, we explain the falling of an apple, which we call the effect, by saying that it is caused by the gravitational force. And one might therefore say that science is the study of the causes of events.

However, as David Hume (1711-76) first pointed out, our belief in a necessary relation between cause and effect is based on custom and habit rather than reason or observation.

Which of the following observations would best strengthen David Hume's view?

- a. According to Aristotle's physics, objects fall and rise because each object, according to its weight, has a natural level to which it tends to move.
 - b. It used to be commonly believed that during a thunderstorm clouds collide and that is what gives rise to thunder and lightning.
 - c. Copernicus, who knew that the earth and the other planets move around the sun, believed that they had to be pushed by angels to keep moving.
 - d. In the social sciences, while some (on the political 'Right') believe that people are unemployed because they are lazy, others (on the 'Left') believe that people become lazy when they have been unemployed for long.
31. Which of the following statements contains a fallacy (you may take into account idiomatic usage)?
- I. A leg of mutton is better than nothing. But nothing is better than heaven. Thus a leg of mutton is better than heaven.
 - II. No atheist believes in God. But true communists are atheists. Hence no true communist believes in God.
 - III. Of course theft is a bad thing, because if it happened all the time society wouldn't function at all. But banks are so rich — just look at the buildings they have! They probably don't even notice a couple of thousand pounds gone.

IV. (Quoted from a lecture by a member of the drugs squad:) "I have never met a user of hard drugs who had not started on soft drugs. So it is dangerous to experiment with soft drugs."

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|-----------------------------|-----------------------------|
| a. I, II, III and IV | b. I, II and IV but not III |
| c. I, III and IV but not II | d. II, III and IV but not I |

32. Use your intelligence to the fullest. Some psychotherapies, like co-counselling, emphasise the importance of clear thinking in order to make the distinction between behaviour which is the result of intelligent thought and behaviour which is the result of distress. Clear thinking is the only reliable guide to appropriate behaviour, and it is important to trust it: 'Other people's thinking can be good information for you, but it can't replace your thinking. Your thinking is good. Depend on your thinking. This is your only guide to what you would like to do, what your best judgement is; not anybody's shoulds or society's rules or anything of the sort. You'll make some mistakes, of course, if you trust your own thinking; but if you make the mistake while trusting your own thinking, you'll be alert to the fact that the results aren't working and you'll correct it quickly.'

The conclusion that the writer is arriving at is:

- a. We must constantly upgrade our knowledge to be well-versed in current affairs.
- b. Trust your own thinking, and eventually it will work out fine.
- c. One must spend some time in solitude to critically reflect on significant matters.
- d. All of the above

Directions for questions 33 to 40: In each of the following sentences, some part of the sentence is underlined. Beneath each sentence you will find four ways of phrasing the underlined part. The first of these repeats the original, the other three are different. If you think the original is better than any of the alternatives, choose answer (a). Otherwise, choose one of the others. Select the best version.

33. For the first time, the great watches of all time are now on display among the fabulous artworks of the Hermitage Museum in St. Petersburg.
- a. the great watches of all time are now on display
 - b. the greatest watches of all time is now on display
 - c. the greatest watches of all time are now on display
 - d. the greatest watches of all time are now at display
34. These days ignorance about sexually transmitted infections, or STIs, are a common bond among teenagers and young adults the world over, and it's leading to a new global health crisis.
- a. are a common bond among teenagers and young adults the world over, and it's leading
 - b. is a common bond among teenagers and young adults the world over, and it's leading
 - c. is a common bond between teenagers and young adults the world over, and it's leading
 - d. is a common bond among teenagers and young adults the world over, and its leading
35. The Iraq war is being portrayed as an unmitigated disaster.
- a. is being portrayed as an
 - b. is being portrayed as a
 - c. is being portray as an
 - d. is being portrayed an

36. Europe's most famous soccer team are having a busy summer wooing fans in that perennial soccer wasteland, the U.S.
- a. Europe's most famous soccer team are having a busy summer
 - b. Europe's most famous soccer teams is having a busy summer
 - c. Europe's most famous soccer teams are having busy summer
 - d. Europe's most famous soccer teams are having a busy summer
37. For North Koreans who manage to escape to the South, life is modern, strange and full of challenges.
- a. life is modern, strange and full of challenges
 - b. life is modern, strangely and full of challenges
 - c. life is modern, strange and challenged
 - d. life is modernly, strange and full of challenges
38. The show may be crass and occasionally cruel, and it is undeniably brilliant.
- a. and it is undeniably brilliant
 - b. so it is undeniably brilliant
 - c. or it is undeniably brilliant
 - d. but it is undeniably brilliant
39. Asia's motorists is plagued by hazards faced by travellers everywhere: drunk drivers, bad weather, heavy traffic.
- a. is plagued by hazards faced by
 - b. are plagued by hazard faced by
 - c. are plagued by hazards faced by
 - d. are plagued by hazards faced in
40. For all three men, Venice was an inevitable destination, a whole city resting in reflecting waters.
- a. a whole city resting in reflecting waters
 - b. a whole city resting on reflecting waters
 - c. a whole city resting on reflecting water
 - d. a whole city rested on reflecting waters