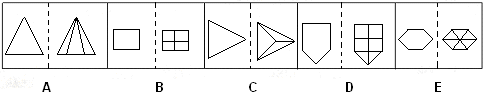
INFOSYS TEST PAPER

SECTION 1

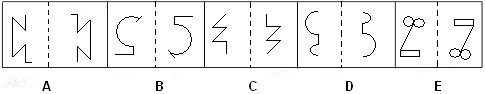
QUESTIONS – 25 DURATION – 40 MINUTES

***Directions for questions 1 – 10:*** In four out of the five pairs of figures, the first element in a pair is related to the second element in a particular manner. Identify the pair in which this relationship does not exist.

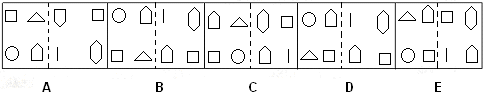
1.



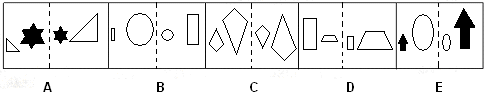
**2.**

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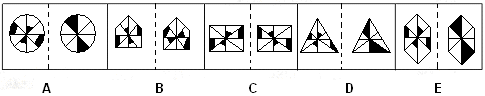
**3.**

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**4.**

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**5.**

****

Directions for questions 6 – 10:Refer the following table.

**Number of five types of cars produced and rejected (for defects) by a company over the years ( in thousands)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Car** | **A** |  | **B** |  | **C** |  | **D** |  | **E** |  |
| Year | Produced | Rejected | Produced | Rejected | Produced | Rejected | Produced | Rejected | Produced | Rejected |
| 1983 | 20 | 2 | 50 | 3 | 15 | 0.5 | 80 | 5 | 60 | 4 |
| 1984 | 35 | 3 | 45 | 2 | 20 | 0.55 | 75 | 4 | 58 | 4 |
| 1985 | 15 | 0.5 | 40 | 2.5 | 17 | 0.75 | 58 | 2 | 62 | 3.5 |
| 1986 | 25 | 0.25 | 42 | 2.3 | 25 | 1.5 | 65 | 3 | 40 | 1.5 |
| 1987 | 30 | 1.5 | 48 | 2.5 | 30 | 2.0 | 68 | 3 | 45 | 2 |
| 1988 | 27 | 1.5 | 41 | 2.1 | 26 | 1.75 | 72 | 3.5 | 50 | 2.5 |

**6.** In the case of B type car in which year was the ratio of rejection to production the highest among the given year?

(A). 1983 (B). 1984 (C). 1985 (D). 1987

**7.** In the case of E type car in which year was the ratio of rejection to production the lowest among the given years?

(A). 1984 (B). 1985 (C). 1986 (D). 1987

**8.** What was the difference in number of C types of cars produced between 1984 and 1985 ?

(A). 200 (B). 250 (C). 2000 (D). None of these.

**9.** The acceptable E type cars in 1985 was what per cent of that of 1984 ?

(A). 8 (B). 6 (C). 3 (D). None of these.

**10.** In the year 1984 in the case of which of the following cars was the rejection below five per cent ?

(A). A (B). B or E (C). B and C (D). None of these.

###### Directions for questions 11 – 15: There are two statements following the given questions. Mark your answer as:

1. ‘A’ alone is enough
2. ‘B’ alone is enough
3. Both ‘A’ & ‘B’ together are sufficient
4. Need more information

**11.** “Twinkle! Twinkle! Little star, how I wonder what you are? What sort of information, will give the complete the idea about little star?

a. It is up above the sky

b. It is like a diamond, which is shining.

**12.** Which T.V. serial is currently the best?

a. The best serial starts with letter ‘K’

b. The serial “Kanjoos!” is highly appreciated.

**13.** What is the fourth term of A.P.?

a. The sum of 1st 7 terms is 0

b. The sum of 2nd & the 6th term is 10.

**14.** How much ‘milk’ does the milkman get from his buffaloes everyday?

a. He has 20 buffaloes all together

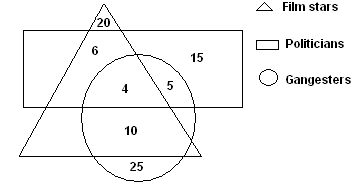
b. Each buffaloes gives 3 ltrs. in 5 minutes.

**15.** What is the value of x?

a. 3x + 7y = 12

b. 10.5x + 24.5y = 42

Directions for questions 16 –20: In a survey conducted, following facts were found.



On the basis of the above figure answer the following

**16.** How many ‘gangsters’ are there who are politicians?

1. 4 2. 5 3. 10 4. 14 5. 9

**17.** How film stars are gangsters but not politicians ?

1. 25 2. 19 3. 4 4. 14 5. 10

**18.** How many of them are only in politics & no other profession?

1. 15 2. 30 3. 21 4. 20 5. Can’t be determined

**19.** Out of the surveyed people, how many film stars have more than one profession (or activity)?

1. 50% 2. 20% 3. 30% 4. 60% 5. Can’t be determined

**20.** If from this survey, we have to judge the percentage of gangsters involve in some other field, how much it would be?

1. 44.72% 2. 30% 3. 43.18% 4. 40% 5. 39%

***Directions for questions 21 – 25:*** The following question consists of four sentences with blanks. Select the alternative that fills in the blanks the maximum number of times.

**21.** (a / 104) + (13 / 2a) = (3a / 52) – (3 / 8) , find a ?

1. 11 2.1 3. 13.2 4. 17 5. None of these

**22.** a ( 9 / 136 – 1 / a) = 1 / (a + 1) , find a?

1. 3 2. 6 3. 136 4. 7 5. None of these

**23.** 5 / a [( 4a) – (15 / 2 )] =(3a) – (5 / 2) , find a ?

1. 5 2. 3.5 3. 2.5 4. 6.5 5. None of these

**24.** Fourteen yrs. hence age of John will be square of, what his age was 42yrs ago? What is his present age?

1. 40 2. 60 3. 25 4. 50 5. 80

**25.** Six times square of a certain number is greater than the number itself by 35. So what is that number?

1. 16 2. 15 3. 2.5 4. –2 1 5. Both option 4 & 3

SECTION 2

QUESTIONS – 40 DURATION – 35 MINUTES

Directions for Questions 1 to 10: - Each sentence below has been split into four parts. Indicate the part with a error. Mark (e) if there is no error.

**1.** (A). The number of (B). Soldiers killed in

(C). The war were not (D). Very large.

**2.** (A). A good number (B). Of students is

(C). Discussing their problems (D). With the concerned faculty.

**3.** (A). Lailas blue eyes (B). Are exactly the same

(C). Shade as that (D). Of her mother’s.

**4.** (A). These are the (B). Certificates of the

(C). Gentlemen who have (D). Passed this year.

**5.** (A). He is desirous (B). On settling

(C). in the sun-drenched (D). Islands on the Pacific Ocean.

**6.** (A). Some animals, such as (B). The cat, have

(C). Dread for (D). Water.

**7.** (A). The remark is (B). Indicative about

(C). The vulgarity of (D). The rogue’s nature.

**8.** (A). A happy man is (B). Contented by

(C). What little (D). He possesses.

**9.** (A). He is very sensitive (B). About such things and

(C). Takes offence on (D). Any critical remark.

**10.** (A). I have acted in good (B). Faith and will not

(C). Apologise about what (D). Has transpired..

Replace the underlined part by the correct option to make the sentence grammatically correct.

11. A fire in an enclosed space burns with the aid of reflected radiation that preheats the fuel, making ignition much easier and flames spreading more quickly.

(A) flames spreading

(B) flame spreads

(C) flames are caused to spread

(D) causing flames to spread（D）

(E) causing spreading of the flames

1. A huge flying reptile that died out with the dinosaurs some 65 million years ago, the Quetzalcoatlus had a wingspan of 36 feet, believed to be the largest flying creature the world has ever seen.

(A) believed to be

(B) and that is believed to be

(C) and it is believed to have been

(D) which was, it is believed,（C）

(E) which is believed to be

1. A little under a million years ago, the briny waters of the Baltic Sea began flooding into the cold North Atlantic: geologists are still debating whether the flood was gradual or created a cataclysm.

(A) whether the flood was gradual or created a cataclysm

(B) if the flood was gradual or created a cataclysm

(C) about whether the flood was gradual or cataclysmic

(D) whether the flood was gradual or cataclysmic（D）

(E) whether the flood was gradual or it created a cataclysm

1. A majority of the international journalists surveyed view nuclear power stations as unsafe at present but that they will, or could, be made sufficiently safe in the future.

(A) that they will, or could,

(B) that they would, or could,

(C) they will be or could

(D) think that they will be or could（D）

(E) think the power stations would or could

1. A migraine typically afflicts one side of the head, lasts for hours or days, and may recur as infrequently as once every other month or often, as daily.

(A) as infrequently as once every other month or often, as

(B) as infrequently as once every other month or as often as

(C) infrequently, as often as once every other month, or often, like

(D) infrequently, like once every other month, or often, like（B）

(E) infrequently, like once every other month, or as often as

1. A patient accusing a doctor of malpractice will find it difficult to prove damage if there is a lack of some other doctor to testify about proper medical procedures.

(A) if there is a lack of some other doctor to testify

(B) unless there will be another doctor to testify

(C) without another doctor’s testimony

(D) should there be no testimony from some other doctor（C）

(E) lacking another doctor to testify

1. A peculiar feature of the embryonic mammalian circulatory system is that in the area of the heart the cells adhere to one another, beating in unison and adopting specialized orientations exclusive of one another.

(A) beating in unison and adopting

(B) they beat in unison while adopting

(C) beat in unison, and adopt

(D) beating in unison yet adopting（D）

(E) even though they beat in unison and adopt

1. A President entering the final two years of a second term is likely to be at a severe disadvantage and is often unable to carry out a legislative program.

(A) likely to be at a severe disadvantage and is often unable to

(B) likely severely disadvantaged and often unable to

(C) liable to be severely disadvantaged and cannot often

(D) liable that he or she is at a severe disadvantage and cannot often（A）

(E) at a severe disadvantage, often likely to be unable that he or she can

Directions for questions 19 – 25: Read the passage given below and answer the questions that follow the passage based on the information provided in the passage.

For all the *hype* and the management charts and the impenetrable language, ultimately what the product consultancies sell is brains; not the sort that have been schooled in a particular discipline, such as a law or accountancy, but the kind that they hope could be set to resolving almost any business problem under the sun. No wonder, then, that brains are at a premium; and no wonder that consultants are excited by what they call “thought leadership”.

Ideas, they are evinced, are a source of competitive advantage in the following ways:

They help to attract customers. According to Richard Foster at McKinsey, consultancies now need to offer not just independent advice, but alternative ways of seeing the world. Bosses are endlessly curious about management theory, partly because they are always looking for ways of beating the competition, partly because more and more of them have studied management at business school.

The most vivid example of the power of ideas to attract customers is the recent **re-engineering** boom, which transformed CSC Index, a smallish consultancy, into the hottest firm in the business. But re-engineering was unusual only in the scale of its success. BCG built up its market position by churning out a series of brilliant ideas at the time when McKinsey seemed to be snoozing. **Gurus** such as Gary Hamel and C.K. Prahalad have built **meteoric** consulting careers entirely on their ideas.

However, re-engineering serves not only as an inspiration but as a warning too. CSC is now in trouble because it had nothing else in the pipeline. A **big idea** on its own will no longer do: what is needed is a constant stream of big ideas.

**19.** What does the highlighted word “hype” mean in the context of the passage?

(A). Pressure (B). Undue importance (C). High pressure (D). Magnificent ideas (E). Desperation

**20.** According to the author the “Product Consultancies” sell?

(A). Organization charts (B). Management jargon (C). Ideas

(D). Brains (E). All of the above

**21.** What does the highlighted phrase “re-engineering” mean in the context of the passage?

(A). Repairing machines (B). Hiring new engineers

(C). Turning around businesses (D). Producing innovative ideas (E). None of the above

**22.** What does the highlighted word “meteoric” mean in the context of the passage?

(A). Heavenly (B). Insane (C). Phenomenal

(D). Good (E). Average

**23.** The highlighted phrase “big idea” is best explained by

(A). Discovery (B). Revolutionary thought (C). An idea that makes a lot of money (D). Visionary ideals (E). Path-breaking inventions

**24.** What does the highlighted word “guru” mean in the context of the passage?

(A). Leader (B). discoverer (C). proponent

(D). Visionary thinkers (E). supporter

**25.** This article is about

(A). re-engineering (B). ideas (C). consultancies

(D). management gurus (E). big ideas

Directions for questions 41 – 50: Read the passage given below and answer the questions that follow the passage based on the information provided in the passage.

Passage 1.

The third great defect of our civilization is that it does not know what to do with its knowledge. Science has given us powers fit for the Gods, yet we use them like children. For example we do not know how to manage our machines. Machines were made to be man’s servants; yet he has become so dependent on them that they are in a fair way to become his masters. Already most men spend most of their lives looking after and waiting on machines. And if they do not get their meals when they expect them, they grow sulky and refuse to work, or bust with rage, and blow up, and spread ruin and destruction all round them. So we have to wait upon them very attentively and do all that we can to keep them in a good temper. Already we find it difficult either to work or play without the machines, and a time may come when they rule us altogether, just as we rule the animals.

And this brings me to the point at which I asked, “ What do we do with the all time which the machines have saved for us, and the new energy they have given us ?” On the whole, it must be admitted, we do very little. For the most part we use our time and energy to make more and better machines; but more and better machines will give us only and still more energy; and what are to do with them? The answer, I think, is that we should try to become more civilized. For the machines themselves, and the power which the machines have given us, are not civilization but aids to civilization. But you will remember that we agreed at the beginning that being civilized meant making and linking beautiful things, thinking freely, and living rightly and maintaining justice equally between man and man. Man has a better chance today to do these things than he ever had before’ he has more time more energy, less to fear and less to fight against. If he will give his time and energy which his machines have won for him to making more beautiful things to finding out more and more about the universe, to removing the causes of quarrels between nations, to discovering how to prevent poverty, then I think our civilization would undoubtedly be the greatest, as it would be the more lasting there has ever been.

**26.** Why does the author call our use of science childish?

(A). Because we use it for destructive purposes

(B). Because children are bad decision makers

(C). Because we can order children around

(D). Because children have yet to realise the full use of their faculties.

(E). None of the above

**27.** Which of the following would weaken the author’s arguments about man being ruled by machines, the most?

(A). The newer generation of machines requires almost no maintenance and have fewer breakdowns.

(B). Only domesticated animals are ruled by man.

(C). Even animals have to be looked after and fed.

(D). A recent survey found that only 10% of the world’s population use 90% of the world’s machines.

(E). All civilisations have been using tools for furthering their progress.

**28.** What is the main criticism that the author is making about the use of machines?

(A). They have very unpredictable behavior

(B). They are ruling human beings instead of serving them.

(C). They require to be serviced with great care.

(D). They have become the ends instead of the means.

(E). They make us uncivilised.

**29.** Civilisation means all of the following, except

(A). Making and linking beautiful things,

(B). Discovering how to prevent poverty

(C). Thinking freely

(D). Living rightly and

(E). Maintaining justice

**30.** What would be an appropriate Title for the passage?

(A). Civilised Machines

(B). Machines: The New Gods

(C). Machines: Slaves or Masters

(D). The Dawn of a New Civilisation.

(E). Science and Civilisation.

***Directions for Questions 31 to 38:*** Select the word, which best fills in the blank

**31.** We were ­­­\_\_\_\_ on having walked so far.

(A). Enervated (B). Excited (C). Fatigued (D). Animated (E). Ambled

1. Being condemned to death, the \_\_\_\_ was erected for his execution.

(A). Noose (B). Hangman (C). Guillotine

(D). Scaffold (E). Squad

**33.** These events \_\_\_\_ in the formation of a republic.

(A). Led (B). Warranted (C). Bought

(D). Gave (E). Culminated

**34.** Some westerners are outspoken in their \_\_\_\_ of our defects but equally ready with praise where it is due.

(A). Speech (B). Criticism (C). Castigating

(D). Urging (E). Belief

**35.** The story of wireless began with the \_\_\_\_\_\_ of signals by telegraphy.

(A). Transmission (B). Receiving (C). Broadcast

(D). Sending (E). Flow

**36.** For a majority of people the world over science is a \_\_\_\_\_ about the nature of universe.

(A). Dogma (B). Treatise (C). Wonder

(D). Doctrine (E). Maxim

**37.** Scientific farming has \_\_\_\_\_ eighteenth century predictions about shortage of food. The revolution in agriculture is due to machinery and genetics.

(A). Boosted (B). Supported (C). Falsified

(D). Removed (E). Replaced

**38.** Science has improved life considerably however it is \_\_\_\_ exploiting natural resources.

(A). Recklessly (B). Cleverly (C). Wastefully

(D). Happily (E). Bravely

Directions Questions 39 to 40: - Choose the word, which is most “opposite in meaning” to the word highlighted, from the options given below the highlighted word

**39.** *Adulterate*

(A). Purify (B). Contain (C). Stabilize (D). Compress (E). Lubricate

**40.** *Estrange*

(A). Devour (B). Ensure (C). Raise (D). Impel (E). Polite