

Infosys Test Set 4

Test Summary

- No. of Sections: 3
- No. of Questions: 65
- Total Duration: 80 min

Section 1 - Quantitative Ability

Section Summary

- No. of Questions: 10
- Duration: 20 min

Additional Instructions:

None

Q1. A shopkeeper has 13 washing machines out of which 5 are defective. A customer buys 3 washing machine. What is the probability that exactly one machine is defective?

- (a) 1/20
- (b) 1/5
- (c) 70/143
- (d) 35/143

Q2. Garlic Breadsticks, Veg Pizza, Thai Fai Paneer, Choco Lava, Pasta and Fine Pepper Pizza are dishes that are provided to a person on Friday and Saturday. Each day a person is provided with 3 dishes at 12.00, 14.00 and 16.00 hrs.

(a) Garlic Breadsticks is provided only on Friday.

(b) Veg Pizza and Thai Fai Paneer are provided on same day.

(c) Garlic Breadsticks is provided only before Pasta.

(d) Fine Pepper Pizza is provided only before Choco Lava.

If Garlic Breadsticks and Choco lava are delivered on Saturday, then, which one of the following could be true?

- (a) Pasta is delivered on Friday at 14:00 hours
- (b) Pasta is delivered on Saturday at 12:00 hours
- (c) Veg Pizza is delivered on Saturday at 16:00 hours
- (d) Thai Fai Paneersare delivered on Friday at 14:00 hours

Q3.



|   |   |    |    |
|---|---|----|----|
| 3 | 4 | ?  | 36 |
| 5 | 6 | 45 | 54 |

Find the missing number.

- A) 27
- B) 35
- C) 45
- D) 33
- E) 25

Q4.

|   |   |    |    |
|---|---|----|----|
| 3 | 4 | ?  | 36 |
| 5 | 6 | 45 | 54 |

Find the missing number.

- A) 27
- B) 35
- C) 45
- D) 33
- E) 25

Q5.        A man has 9 friends - 4 boys and 5 girls. In how many ways can he invite them, if there must be exactly 3 girls among the invitees?

- A) 155
- B) 170



- C) 140
- D) 150
- E) 160

Q6. A family consists of two grandparents, two parents and three grandchildren. The average age of the grandparents is 67 years, that of the parents is 35 years and that of the grandchildren is 6 years. What is the average age of the family?

- A. 200/7
- B.222/7
- C.225/7
- D.229/7
- E. None of these

Q7. Adarsh is preparing for a competitive exam. During his practice for the same, he comes across a sample paper which contains 12 yes/no type questions and 12 multiple choice questions, each with four possible answers. In how many distinct ways can Ankit solve the paper?

- A.  ${}^{12}C_2 * {}^{12}C_4$
- B. $2^{18}$
- C. $4^6 * 3^6$
- D. $4^{18}$
- E. None of these

Q8.

|   |   |    |    |
|---|---|----|----|
| 3 | 4 | ?  | 36 |
| 5 | 6 | 45 | 54 |

Find the missing number.



- A) 27
- B) 35
- C) 45
- D) 33
- E) 25

Q9. A plank of wood 7ft long is cut in to four parts. What is the length of the longest part?  
A. The minimum length of each part is ½ foot.  
B. One of the parts is 3.2 ft long

- A.1
- B.2
- C.3
- D.4

Q10. If 100 people can complete 6 building in 4 months working 8 hours a day then in how many days will 400 people complete 10 buildings working 12 hours a day. (Each months being 30 days)

- A.100/3
- B.100/6
- C.32
- D.34
- E.30

Section 2 - Reasoning Ability

Section Summary

- No. of Questions: 15
- Duration: 25 min

Additional Instructions:

Processing math: 100%



Q1. Garlic Breadsticks, Veg Pizza, Thai Fai Paneer, Choco Lava, Pasta and Fine Pepper Pizza are dishes that are provided to a person on Friday and Saturday. Each day a person is provided with 3 dishes at 12.00, 14.00 and 16.00 hrs.

- (a) Garlic Breadsticks is provided only on Friday.
- (b) Veg Pizza and Thai Fai Paneer are provided on same day.
- (c) Garlic Breadsticks is provided only before Pasta.
- (d) Fine Pepper Pizza is provided only before Choco Lava.

Starting from Friday 12.00, which of the following is the most probable sequence of dishes served to the person.

(a) Fine Pepper Pizza, Veg Pizza, Garlic Breadsticks, Choco lava, Thai Fai Paneer, Pasta

(b) Fine Pepper Pizza, Choco lava, Garlic Breadsticks, Pasta, Thai Fai Paneer, Veg Pizza

(c) Fine Pepper Pizza, Pasta, Garlic Breadsticks, Choco lava, Thai Fai Paneer, Veg Pizza

(d) Fine Pepper Pizza, Veg Pizza, Pasta, Thai Fai Paneer, Garlic Breadsticks, Choco lava,

Q2. If in a certain language FASHION is coded as FOIHSAN, how is PROBLEM coded?

(a) ROBLEMP

(b) PELBORM

(c) PRBOELM

(d) RPBOELM

Q3. If  $USA + USSR = PEACE$ , then what is the value of  $P + E + A + C + E = ?$

(a) 8

(b) 10

(c) 11

(d) 15

Q4. What is perimeter of a square?

- I. If side is doubled, the perimeter also doubles.
- II. If perimeter triples, area becomes 9 times.



A.1

B.2

C.3

D.4

E.5

Q5. P, Q and R are three weights which are supposed to be equal. But one and only one of these is a false weight. Which weight is that?  
A. P is lighter than R.  
B. Q is lighter than either P or R (not both).

A.1

B.2

C.3

D.4

E.5

Q6. In a secret code, 156324 is written as SPRINT and 4728 is written as TANK. How is 153634 written in that secret code?

A.PRANKS

B. SPIRIT

C.PIRITS

D.TIRIPS

Q7. Consider KANSAS+OHIO=OREGON where each letter represents a unique value from 0 to 9, Find ( G+R+0+S+S)? (0=5).

A) 10

B) 11



- C) 12
- D) 15
- E) 14

Q8. Bharat was given a task to rearrange the word “DRINK”. What is the probability that when the letters of the word “DRINK” are re-arranged, the positions in which the consonants appear are replaced by consonants only?

- A.1/60
- B.1/5
- C.3/5
- D.4/5

Q9. Find the next term in the sequence:

- A.260
- B.567**
- C.441
- D.484

Q10. Find the next term in the series: (4 + 1), (6 + 2), 14, 22, 38, 58, ...

- 50
- 68
- 98
- 78
- None of these

Q11. If  $ACBD - DEC = BEC$  and the value of C is 4, then the value of  $D * E - B * C$  is: (Every alphabet have a unique value(0 to 9))



- A) -1
- B) 2
- C) 1
- D) 0
- E) None of these

Q12. If  $SET+TIET=ERROS$ ; What is the value of  $E+R+R+O+S$  when  $S=8$ ?(Every value represents a unique value from 0 to 9)

- A.10
- B.12
- C.11
- D.20

Q13. Is x odd or even?  
A.  $X+Y = \text{even}$   
B.  $X*Y = \text{odd}$

- A.1
- B.2
- C.3
- D.4

Q14. Is Rishi is taller than Esther?  
(I) Rishi is taller than Dinku.  
(II) Dinku is taller than Esther.

- (a) Either (I) alone is sufficient.
- (b) Either (II) alone is sufficient.





- (c) Both (I) & (II) are sufficient.
- (d) Neither (I) nor (II) is sufficient.

Q15.

32.What is the breadth of the rectangle in cms?  
A. If the breadth alone is doubled the area increased by 162 sq.units.  
B. If the length alone is doubled, the perimeter increased by 40 units.

- A.1
- B.2
- C.3
- D.4
- E.5

Section 3 - Verbal Ability

Section Summary

- No. of Questions: 40
- Duration: 35 min

Additional Instructions:

None

Q1.

.....it has been raining, game has to be continued.

- While
- Since
- Although
- None

Q2.



Find the sentence which is grammatically correct.

1. The Globalization and technological advances means that the whole world has become our marketplace.
2. Globalization and technological advances means that the whole world has become the marketplace.
3. Globalization and technological advances means that the whole world can become our marketplace.
4. Globalization and technological advances means that the whole world has become a marketplace.

1

2

3

4

Q3. Choose a grammatically and logically correct alternative to replace the words or phrase that are underlined and are in bold.

The increasing demand on the product and the higher expectation in terms of quality is putting pressure on the trader to finesse the design element.

A) The increasing demand for the product and the higher expectation

B) The rising demand and the greater expectancy

C) Owing to the higher demand of the materials and the higher hope

D) The product's greatness of demand and its increasing prospect

Q4. Find the sentence which is grammatically correct.

1. Meeta and Megha is going to lend a hand in doing the decorations.
2. Meeta and Megha are going to lend a hand in doing up the decorations.
3. Either Meeta or Megha will be lending hands in doing off the decorations.
4. Meeta or Megha is going to lend hand in doing up the decorations.

1

2

3

4

Q5. The team \_\_\_\_\_ the coach announces another round of warm-ups.

have finished the breakfast in the time

will have finished the breakfast by the time

might have finished the breakfast by the time

would have finished the breakfast in the time

Q6.

1. A presence on the World Wide Web is now becoming an essential part of a colleges public relations program.
2. A presence on the World Wide Web is now begun an essential part of a college's public relations program.
3. A presence on the World Wide Web is now becoming an essential part of a college's public relations program.
4. A presence in the World Wide Web is now becoming an essential part of a colleges public relations program.

1

2

3

4

Q7.

Our insatiable thirst for knowledge should encourage us in carrying out more and more research in all the fields.

encourage us to carry out

encourage us for carrying out

encourage all for carrying out

encourage us into carrying out

Q8.

Which of the following statement can be safely assumed about the Microsoft-AOL standoff from the above passage?

The standoff between Microsoft and America Online (AOL) began in a small way. AOL LLC is an America-based online service provider, bulletin board system, and media company operated by Time Warner. Microsoft is associated with the Windows Operating System that is most widely used OS in the world. AOL tied up with Microsoft to enable Windows users to buy its internet browser, Netscape Navigator at a discounted price. At the same time, Microsoft also brought out its own internet browser internet Explorer.

**A)** Microsoft abruptly ended the tie-up with AOL

**B)** Windows OS was configured to disable Netscape Navigator

**C)** AOL came out with its own OS.

D) People who bought Windows OS got an integrated free browser so they did not have to buy an additional internet browser

Q9. While government are fond of promising hassle-free conduct of public business, they turn a blind eye on large-scale pilferage of funds.

they turn a blind eye to large-scale pilferage of funds

they pay no attention to the fact that most of the funds are in the process of being misused

the government does not turn its gaze to notice that funds are becoming wasted

they turn a blind eye for large-scale pilferage of funds

Q10. Find the sentence which is grammatically correct.  
1. Sports fans are unlikely to get to see anyone quite like Andre Agassi.  
2. Sports fans are unlikely to get to see someone quite like Andre Agassi.  
3. Sports fans are unlikely to get to see one quite like Andre Agassi.  
4. Sports fans are unlikely to get to see some person quite like Andre Agassi.

1

2

3

4

Q11. Find the sentence which is grammatically correct.  
1. Direction of the traffic and to help school children is the job of the traffic police.  
2. Directing traffic and helping school children are the job of the traffic police.  
3. Directing traffic and helping school children is the job of the traffic police.  
4. To Direct traffic and helping school children is the job of the traffic police

1

2

3

4

Q12. The secretary was not very sure \_\_\_\_\_ Delhi.

on the duration of the minister's visit to

when the duration of the minister's visit to

of the duration of the minister's visit to

how long the duration of the minister's visit to

Q13.

Guerrilla warfare is sometimes associated with terrorism. In that, a relatively small force attempts to achieve \_\_\_\_\_.

huge goals to use organized acts of directing violence

huge goals by using organized acts of directed violence

huge goals by using organized acts of directed violence

big goals to use organised acts to direct violence

Q14.

Even after the report is submitted, follow-up action is slow **because it is generally the police and the administration that is found wanting** and in the end, the system takes a lenient view resulting in the guilty going unpunished or getting away lightly.

1

2

3

4

Q15.

Which of the following is a false assumption?

Though born in Lumbani, now in Nepal, Gautama Buddha travelled far wide along with his disciples teaching his profound philosophy to those willing to listen. Buddhism has had an impact on varied aspects of cultural life including art and architecture. Recently, archaeologists have unearthed an intact statue of the Buddha in Vietnam.

**A)** The intact statue signifies that durable material was used to fashion it.

**B)** Buddha traveled far and wide, teaching his philosophy even in Vietnam.

**C)** Sculpture and artisans have even made physical representation of Buddha.

**D)** Buddhism expanded outside India too.

Q16.



Choose a grammatically and logically correct alternative to replace the words or phrase that are underlined and are in bold.

The increasing demand on the product and the higher expectation in terms of quality is putting pressure on the trader to finesse the design element.

A) The increasing demand for the product and the higher expectation

B) The rising demand and the greater expectancy

C) Owing to the higher demand of the materials and the higher hope

D) The product's greatness of demand and its increasing prospect

Q17. Trade appears to have been necessitated by the compulsions of a growing society and the increasing distance between its members.

and the increasing distance its members

and the increasing distance from its members

and the increasing distance among its members

and the increasing distance to its members

Q18. Find the sentence which is grammatically correct.  
1. The doctor advised the patient against lifting weights, jogging and swimming.  
2. The doctor advised the patient not to lift weights, going jogging and swimming.  
3. The doctor advised the patient for not lifting weights, jogging and swimming.  
4. The doctor advised the patient against lifting weights, to go jogging and go for a swim.

1

2

3

4

Q19. Find the sentence which is grammatically correct.  
1. The larger the amount of money invested in mutual funds, the greatest the risk.  
2. The larger the amount of money invested in mutual funds, the greater the risk.  
3. The huger the amount of money invested in mutual funds, the greater the risk.  
4. The larger the amount of money invested in mutual funds, the biggest the risk.

1

2

3

4

Q20. The mole is a nocturnal insectivorous mammal regarded as pests by gardeners because of their burrowing activity spoiling lawns and gardens.

A.regarded as pests by gardeners because of their burrowing activity spoiling

B.regarded to be pests by gardeners because of their burrowing activity’s spoiling

C.regarded as a pest by gardeners because of burrowing activity spoiling

D.considered as a pest by gardeners because of its burrowing activity spoiling

E.regarded as a pest by gardeners because its burrowing activity spoils lawns and gardens

Q21. The integrity of character, honesty, dependability and discipline..... with a genuine interest in your work will go a long way in the achievement of success in your professional life.

A) Coupled

B) adjoined

C) fixed

D) attached

E) joined

Q22. The degrees were awarded in the annual.....

A) conference

B) convention

C) Convolution





D) convocation

Q23. Mark the option which is Closest to the meaning of the word given below.  
TENACITY

Slackness

Idleness

Obduracy

Indolence.

Q24. It was almost impossible for him to put out of his mind the ..... words which he heard from his clever father-in-law

A) Inspiring

B) witty

C) sarcastic

D) soothing

E) exhortative

Q25. Identify which part of the question has error A property dealer was /shoot dead by four unidentified jacket-clad men /while taking a morning walk /in a park.

A.A property dealer was

B.shoot dead by four unidentified jacket-clad men

C.while taking a morning walk

D.in a park.

Q26.





Choose a grammatically and logically correct alternative to replace the words or phrase that are underlined and are in bold.

Many might argue that women have a keen eye on detail, and are far more systematic with their investment plans.

- keen eye in
- keen eye for
- keen eye at
- keen eye to

Q27. The idea is to prepare executives to predict, analyze strategies and acting over issues spanning the entire enterprise.

- and act out
- and act upon
- and act into
- or acting in

Q28. Find the sentence which is grammatically correct.  
1. Direction of the traffic and to help school children is the job of the traffic police.  
2. Directing traffic and helping school children are the job of the traffic police.  
3. Directing traffic and helping school children is the job of the traffic police.  
4. To Direct traffic and helping school children is the job of the traffic police

- 1
- 2
- 3
- 4

Q29. Find the sentence which is grammatically correct.  
1. One among the chief characteristics in embryonic stem cells are its totipotency.  
2. One of the chief characteristics in embryonic stem cells are its totipotency.  
3. One among the chief characteristics in embryonic stem cells is their totipotency.  
4. A chief characteristics in embryonic stem cells are its totipotency

- 1
- 2
- 



Q30. Which of the following is a false assumption?

Though born in Lumbani, now in Nepal, Gautama Buddha travelled far wide along with his disciples teaching his profound philosophy to those willing to listen. Buddhism has had an impact on varied aspects of cultural life including art and architecture. Recently, archaeologists have unearthed an intact statue of the Buddha in Vietnam.

A) The intact statue signifies that durable material was used to fashion it.

B) Buddha traveled far and wide, teaching his philosophy even in Vietnam.

C) Sculpture and artisans have even made physical representation of Buddha.

D) Buddhism expanded outside India too.

#### Common Content:

**Read the following passage below and answer the questions that follow on the basis of what is stated/ implied in that passage.**

In almost all the modern opinions of women, it is curious to observe how many lies have to be assumed before a case can be made. A young lady flies from England to Australia; another wins an air race; a Duchess creates a speed record in reaching India; others win motoring trophies, and now the King's prize for marksmanship has gone to a woman. All of which is very interesting and possibly praiseworthy as means of spending one's leisure time; and if it was left to that, even if no more were added than the perfectly plain fact that such feats could not have been achieved by their mothers and grandmothers, we would be content to doff our hats to the ladies with all courtesy and respect which courage, endurance and ability have always rightly demanded.

But it is not left to that, and considerably more is added. It is suggested, for example, that the tasks were beyond the mothers and grandmothers, nor for the very obvious reason that they had no motorcars and aeroplanes in which to amuse their leisure hours, but because women were then enslaved by the convention of natural inferiority to man. Those days, we are told, "in which women were held incapable of positive social achievements" are gone forever. It does not seem to have occurred to this critic that the very fact of being a mother or grandmother indicates a certain positive social achievement; the achievement of which, indeed, probably left little leisure for travelling airily about the hemispheres. The same critic goes on to state, with all the solemn emphasis of profound thought, that "the important thing is not that women are the same as men — that is a fallacy — but that they are just as valuable to society as men. Equality of citizenship means that there are twice as many heads to solve present-day problems as there were to solve the problems of the past. And two heads are better than one." And the dreadful proof of the modern collapse of all that was meant by man and wife and the family council is that this sort of imbecility can be taken seriously.

The London Times, in a studied leading article, points out that the first emancipators of women (whoever they were) had no idea what lay in store for future generations. "Could they have foreseen it, they might have disarmed much opposition by pointing to the possibilities, not only of freedom but of equality and fraternity also."

And we ask, what does it all mean? What in the name of all that is graceful and dignified does fraternity with women mean? What nonsense, or worse, is indicated by the freedom and equality of the sexes?

We mean something quite definite when we speak of a man being a little free with the ladies. What definite freedom is meant when the freedom of women is proposed? If it merely means the right to free opinions, the right to vote independently of fathers and husbands, what possible connection does it have with the freedom to fly to Australia or score bulls-eyes at Bisley? If it means, as we fear it does, freedom from responsibility of managing a home and a family, an equal right with men in business and social careers, at the expense of home and family, then such progress we can only call progressive deterioration.

And for men too, there is, according to a famous authoress, a hope of freedom. Men are beginning to revolt, we are told, against the old tribal custom of desiring fatherhood. The male is casting off the shackles of being a creator and a man. When all are sexless there will be equality. There will be no women and no men. There will be but a fraternity, free and equal. The only consoling thought is that it will endure but for one generation.

Q31. 'Progressive deterioration' means

A) A steady fall in the standards and moral values of society.

B) A compromise of sexes achieved through equality and freedom.

C) A progress that ignores the essential norms of family and home.

D) A man being a little too free with women.

Q32. Which of the following statements is true, according to the passage?

A) Our mothers and grandmothers had no time to think of travelling because of family commitments.

B) Women started revolting against the inferior treatment meted out to them, in their pursuit for social recognition.

C) Men yearn for freedom from parenting even more than women do.

D) Emancipation of women can bring about good and lasting solutions to all problems.

Q33. “The only consoling thought is that it will endure but for one generation.” ‘It’ in this sentence refers to

A) Man’s revolt against fatherhood.

B) Women desiring equality and fraternity.

C) The desire for freedom among women to express their opinions freely.

D) A sexless society that gives equal opportunities to both men and women

Q34. From the tone of the passage, it can be inferred that the author,  
i. does not approve of women engaging in daring and adventurous feats.  
ii. is quite sceptical about the need for freedom and fraternity of both sexes.  
iii. feels that, as more and more women claim equality, there are fortunately more people to help solve everyday problems.

A) i & ii

B) ii & iii

C) iii only

D) i only

Q35. In Chesterton’s opinion,



A) The modern women are better because they can perform feats that were beyond the purview of their predecessors.

B) Women are not capable of significant achievement in their social lives

C) All deliberations on women’s achievements are, at best, the means of occupying one’s free time.

D) The equality that ignores family values cannot be accepted as progress in the real sense of the word.

Common Content:

Read the following passage below and answer the questions that follow on the basis of what is stated/ implied in that passage.

A microwave oven is a kitchen appliance employing microwave radiation primarily to cook or heat food. Microwave ovens have revolutionized cooking since their use became widespread in the 1970s.

Cooking food with microwaves was discovered by Percy Spencer while building magnetrons for radar sets at Raytheon. He was working on an active radar set when he noticed a strange sensation and saw that a peanut candy bar he had in his pocket started to melt. Although he was not the first to notice this phenomenon, as the holder of 120 patents, Spencer was no stranger to discovery and experiment and realized what was happening. The radar had melted his candy bar with microwaves. The first food to be deliberately cooked with microwaves was popcorn, and the second was an egg (which exploded in the face of one of the experimenters). In North America, microwave popcorn is now one of the most commonly cooked items in microwave ovens, virtually to the exclusion of other home cooking methods such as hot air and oil popping. Most microwaves sold in North America today have a specific “popcorn button” which is solely used to cook premeasured packages of popcorn, ostensibly to make it easier for consumers to microwave popcorn without worrying about burning it or leaving a lot of kernels unpopped. The standard time for the “popcorn” setting on most microwaves is about three minutes.

On 8 October 1945 Raytheon filed a patent for Spencer’s microwave cooking process and in 1947; the company built the first microwave oven, the Radarange. It was almost 6 feet (1.8 m) tall and weighed 750 pounds (340 kg). It was water-cooled and produced 3000 watts, about three times the amount of radiation produced by microwave ovens today. An early commercial model introduced in 1954 generated 1600 watts and sold for 2, 000to3,000. Raytheon licensed its technology to the Tappan Stove company in 1952. They tried to market a large, 220 volt, wall unit as a home microwave oven in 1955 for a price of 1, 295, but it did not sell well. In 1965 Raytheon acquired Amana, which introduced the first popular home model, the countertop Radarange in 1967 at a price point of 495.

In the 1960s, Litton bought Studebaker’s Franklin Manufacturing assets, which had been manufacturing magnetrons and building and selling microwave ovens similar to the Radarange. Litton then developed a new configuration of the microwave, the short, wide shape that is now common. The magnetron feed was also unique. This resulted in an oven that could survive a no-load condition indefinitely. The new oven was shown at a trade show in Chicago and helped begin a rapid growth of the market for home microwave ovens. Sales figures of 40,000 units for the US industry in 1970 grew to one million by 1975. Market penetration in Japan, which had learned to build less expensive units by re-engineering a cheaper magnetron, was more rapid.

A number of other companies joined in the market, and for a time most systems were built by defence contractors, who were the most familiar with the magnetron. Litton was particularly well known in the restaurant business. By the late 1970s, the technology had improved to the point where prices were falling rapidly. Formerly found only in large industrial applications, “microwaves” were increasingly becoming a standard fixture of most kitchens. The rapidly falling price of microprocessors also helped by adding electronic controls to make the ovens easier to use. By the late 1980s, they were almost universal, and current estimates hold that nearly 95% of American households have a microwave.

A microwave oven works by passing microwave radiation, usually at a frequency of 2450 MHz (a wavelength of 12.24 cm), through the food. Water, fat, and sugar molecules in the food absorb energy from the microwave beam in a process called dielectric heating. Most molecules are electric dipoles, meaning that they have a positive charge at one end and a negative charge at the other, and therefore vibrate as they try to align themselves with the alternating electric field induced by the microwave beam. This molecular movement creates heat. Microwave heating is most efficient on liquid water, and much less so on fats, sugars, and frozen water. Microwave heating is sometimes incorrectly explained as the resonance of water molecules, which only occurs at much higher frequencies, in the tens of gigahertz.

Most microwave ovens allow the user to choose between several power levels, including one or more defrosting levels. In most ovens, however, there is no change in the intensity of the microwave radiation; instead, the magnetron is turned on and off in cycles of several seconds at a time. This can actually be observed when microwaving airy foods like Krembos (An Israeli confection): it blows up during heating phases, while it deflates when the magnetron is turned off.

The cooking chamber itself is a Faraday cage enclosure which prevents the microwaves from escaping into the environment. The oven door is usually a glass panel for easy viewing but has a layer of conductive mesh to maintain the shielding. Because the size of the perforations in the mesh is much less than the wavelength of 12 cm, the microwave radiation can not pass through the door, while visible light (with a much shorter wavelength) can.

Professional chefs generally find microwave ovens to be of limited usefulness. On the other hand, people who are lacking in free time, or not comfortable with their cooking skills, can use microwave ovens to reheat stored food (including commercially available pre-cooked frozen dishes) in only a few minutes.

Q36. According to the passage, it can be inferred that

A) the microwave revolution became widespread in the 1970s.



**B) the microwave technique of cooking was more of an ‘accidental discovery’.**

**C) Spencer holds the highest number of technology patents.**

**D) popcorn is the most popular snack in America.**

**Q37. According to the passage:**

**A) In most ovens, the intensity of the microwave radiation cannot be altered.**

**B) Fats and sugars are best cooked by microwave ovens.**

**C) Microwave heating is the vibration of water molecules.**

**D) None of these**

**Q38. According to the passage**

**A) Amana’s countertop Radarange priced at \$495 was the most popular model.**

**B) hot air and oil popping methods of cooking popcorn is still used.**

**C) microwave ovens were fitted with easy-to-use electronic controls due to the availability of cheaper microprocessors.**

**D) Japan manufactures the highest number of microwave ovens.**

**Q39. Litton’s new microwave oven**

**A) resembled the one that is used commonly now.**

**B) had a unique magnetron feed.**

**C) could work on the no-load condition indefinitely.**

**D) All of the above.**

**Q40. The central theme of the passage is**



**A) The Technique of Microwave Cooking.**

**B) Microwave Technology in Ovens.**

**C) Commercial Microwave Ovens and its Uses.**

**D) The Discovery, Development, and Uses of Microwave Ovens.**



Answer Key & Solution

Section 1 - Quantitative Ability

Q1

(c) 70/143

Solution

No Solution

Q2

(d) Thai Fai Paneersare delivered on Friday at 14:00 hours

Solution

No Solution

Q3

A) 27

Solution

No Solution

Q4

A) 27

Solution

No Solution

Q5

E) 160

Solution

No Solution

Q6

B.222/7

Solution

No Solution

Q7

C. $4^6 * 3^6$

Solution

No Solution

Q8

A) 27

Processing math: 100%



Solution

No Solution

Q9

D.4

Solution

No Solution

Q10

C.32

Solution

No Solution

Section 2 - Reasoning Ability

Q1

(b) Fine Pepper Pizza, Choco lava, Garlic Breadsticks, Pasta, Thai Fai Paneer, Veg Pizza

Solution

No Solution

Q2

(b) PELBORM

Solution

No Solution

Q3

(b) 10

Solution

No Solution

Q4

D.4

Solution

No Solution

Q5

E.5





No Solution

Q6A.PRANKS

Solution

No Solution

Q7A) 10

Solution

No Solution

Q8A.1/60

Solution

No Solution

Q9B.567

Solution

No Solution

Q1098

Solution

No Solution

Q11D) 0

Solution

No Solution

Q12C.11

Solution

No Solution

D.4

Solution

No Solution

Q14 (c) Both (I) & (II) are sufficient.

Solution

No Solution

Q15 E.5

Solution

No Solution

Section 3 - Verbal Ability

Q1 Although

Solution

No Solution

Q2 4

Solution

No Solution

Q3 C) Owing to the higher demand of the materials and the higher hope

Solution

No Solution

Q4 2

Solution

No Solution

Q5 will have finished the breakfast bye the time

Solution



Q6

3

Solution

No Solution

Q7

encourage us to carry out

Solution

No Solution

Q8

D) People who bought Windows OS got an integrated free browser so they did not have to buy an additional internet browser

Solution

No Solution

Q9

they turn a blind eye to large-scale pilferage of funds

Solution

No Solution

Q10

2

Solution

No Solution

Q11

3

Solution

No Solution

Q12

of the duration of the minister's visit to

Solution

No Solution

Q13

huge goals by using organized acts of directed violence

huge goals by using organized acts of directed violence

Solution

No Solution

Q14

4

Solution

No Solution

Q15     **A)**    The intact statue signifies that durable material was used to fashion it.

Solution

No Solution

Q16     **C)**    Owing to the higher demand of the materials and the higher hope

Solution

No Solution

Q17     and the increasing distance among its members

Solution

No Solution

Q18     4

Solution

No Solution

Q19     2

Solution

No Solution

Q20     D.considered as a pest by gardeners because of its burrowing activity spoiling

Solution

No Solution

Q21     **A) Coupled**

Solution

No Solution



Q22

D) convocation

Solution

No Solution

Q23

Obduracy

Solution

No Solution

Q24

B) witty

Solution

No Solution

Q25

C.while taking a morning walk

Solution

No Solution

Q26

keen eye for

Solution

No Solution

Q27

and act upon

Solution

No Solution

Q28

3

Solution

No Solution

Q29

4

Solution



No Solution

Q30. **A)** The intact statue signifies that durable material was used to fashion it.

**Solution**

No Solution

Q31. **C)** A progress that ignores the essential norms of family and home.

**Solution**

No Solution

Q32. **A)** Our mothers and grandmothers had no time to think of travelling because of family commitments.

**Solution**

No Solution

Q33. **D)** A sexless society that gives equal opportunities to both men and women

**Solution**

No Solution

Q34. **A)** i & ii

**Solution**

No Solution

Q35. **D)** The equality that ignores family values cannot be accepted as progress in the real sense of the word.

**Solution**

No Solution

Q36. **B)** the microwave technique of cooking was more of an ‘accidental discovery’.



Solution

No Solution

Q37. A) In most ovens, the intensity of the microwave radiation cannot be altered.

Solution

No Solution

Q38. C) microwave ovens were fitted with easy-to-use electronic controls due to the availability of cheaper microprocessors.

Solution

No Solution

Q39. D) All of the above.

Solution

No Solution

Q40. D) The Discovery, Development, and Uses of Microwave Ovens.

Solution

No Solution

