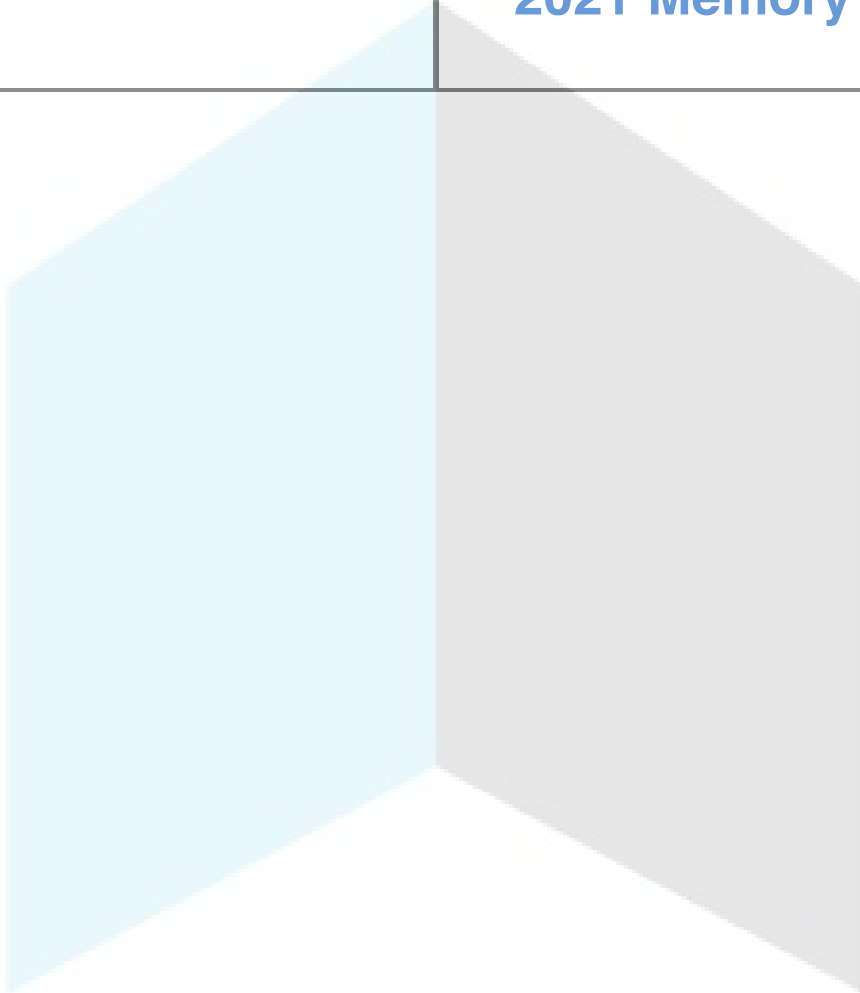


Capgemini

Previous Year Paper
English Common Test
2021 Memory Based



30 Questions

Que. 1 **Direction: Read the passage carefully and choose the best answer to each question out of the four alternatives.**

The Cyclopes, according to mythology, were a race of bad-tempered and rather stupid one-eyed giants. Not perhaps, a great portend for the new generation of robots. But Andrew Davidson, a computer scientist at Imperial College, London, thinks one eye is enough for a robot, provided its brain can think fast enough. For a robot to work autonomously, it has to understand its environment. Stereoscopic vision, integrating the images from two 'eyes' looking at the same thing from different angles, is one approach to achieve this, but it involves a lot of complicated computer processing. The preferred method these days, therefore, is Simultaneous Localisation and Mapping (SLAM), which uses sensors such as laser-based range finders that 'see' by bouncing beams of light off their surroundings and timing the return.

Dr. Davidson, however, wants to replace the range finders, which are expensive and fiddly, with a digital camera, which is small, cheap, and well-understood. With this in mind, he is developing ways to use a single, moving video camera to create continually updated 3D maps that can guide even the most hyperactive of robots for explorations. His technique involves collecting and integrating images taken from different angles as the camera goes on its travel. The trick is to manage to do it in real-time, at frame rates of 100- 1000 per second.

Which characteristic of the cyclopes was being inferred with the design of new generation robots?

1. their height
2. their ill tempered
3. their intelligence
4. their eye

Testbook Solution Correct Option - 4

Que. 2 **According to the passage which of the following the statement is untrue?**

1. The Cyclopes, according to mythology, were a race of bad-tempered and rather stupid one-eyed giants.
2. The preferred method these days, therefore, is Simultaneous Localisation and Mapping (SLAM), which uses sensors such as laser-based range finders that 'see' by bouncing beams of light off their surroundings and timing the return.
3. Dr. Davidson, however, wants to replace the range finders, which are expensive and fiddly, with a digital camera, which is small, cheap and well-understood.
4. Dr. Davidson, a computer scientist at Imperial College, France, thinks one eye is enough for a robot, provided its brain can think fast enough.

Testbook Solution Correct Option - 4

Que. 3 **Why does Andrew Davidson wants to replace range finders?**

1. because they are expensive and fiddly
2. because they are complex machines to work with.
3. because they are well understood
4. because they are small and cheap

Testbook Solution Correct Option - 1

Que. 4

Which element is listed in the passage which a robot needs to understand to function autonomously?

1. two-eyes
2. SLAM
3. environment
4. stronger computing capacity

Testbook Solution Correct Option - 3

Que. 5 According to the passage which of the following is not a characteristic of a Cyclopes?

1. ill-tempered
2. intelligent
3. one-eyed
4. giant

Testbook Solution Correct Option - 2

Que. 6 Out of the given options, choose the one which is the correct direct speech of the sentence given below.

My teacher often says to me that if I don't work hard I shall fail.

1. My teacher often says to me, "If you didn't work hard, you shall fail."
2. My teacher often says to me, "If you don't work hard, you will fail."
3. My teacher often says to me, "If you doesn't work hard, you will fail."
4. My teacher often said to me, "If you don't work hard, you will fail."

Testbook Solution Correct Option - 2

Que. 7 Read the sentence to find out whether there is any grammatical mistake/error in it. The error, if any, will be in one part of the sentence. Choose the part with the error as your answer. If there is no error, your choice shall be 'no error'.

Regretfully, profits earned by your company / fell by 20 per cent last year / despite higher sales. / No error

1. Regretfully, profits earned by your company
2. fell by 20 per cent last year
3. despite higher sales.
4. No error

Testbook Solution Correct Option - 1

Que. 8 Select the correct direct narration of the given sentence.

She said that she was happy to inform them that her paper had been published in a peer- reviewed journal.

1. She said, "She is happy to inform them that her paper is published in a peer- reviewed journal."
2. She said, "You are happy to inform me that your paper was published in a peer- reviewed journal."
3. She said, "She was happy to inform you that her paper is published in a peer- reviewed journal."
4. She said, "I am happy to inform you that my paper has been published in a peer- reviewed journal."

Testbook Solution Correct Option - 4

Que. 9 Choose the right matching of one-word substitutes with their description.

A. Congestion	1. An accident in which two vehicles hit each other
B. Collision	2. Situation in which roads are full of traffic
C. Bottleneck	3. Occasion when a vehicle stops working
D. Breakdown	4. Place in a road where the traffic cannot pass

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

Testbook Solution Correct Option - 4

Que. 10 Directions: A sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct speech.

The duty officer said, "It is unlikely that fulfillment of these criteria and conditions can be accomplished in less than 48 hours".

1. The duty officer said that it is unlikely that fulfilment of those criteria and condition scan be accomplished in less than 48 hours
2. The duty officer said that was going to be unlikely that fulfilment of those criteria and conditions can be accomplished in less than 48 hours.
3. The duty officer said that it would be unlikely that fulfilment of those criteria and conditions could be accomplished in less than 48 hours
4. The duty officer said that it was unlikely that fulfillment of those criteria and conditions could be accomplished in less than 48 hours.

Testbook Solution Correct Option - 4

Que. 11 Directions: The question below consist of a set of labelled sentences. Out of four options given, select the most logical order of the sentences which form a paragraph.

The Taj Mahal is located on the right bank of the Yamuna River in a vast Mughal garden that encompasses nearly 17 hectares, in the Agra District in Uttar Pradesh.

P. It was built by Mughal Emperor Shah Jahan in memory of his wife Mumtaz Mahal with construction starting in 1632 AD and completed in 1648 AD,

Q. The mosque, the guest house and the main gateway on the south, the outer courtyard and its cloisters were added subsequently and completed in 1653 AD.

R. The existence of several historical and Quranic inscriptions in Arabic script have facilitated setting the chronology of Taj Mahal.

S. For its construction, masons, stone-cutters, inlayers, carvers, painters, calligraphers, dome builders and other artisans were requisitioned from the whole of the empire and also from the Central Asia and Iran.

Ustad-Ahmad Lahori was the main architect of the Taj Mahal.

1. SPQR
2. RQPS
3. SRQP
4. PQRS

Testbook Solution Correct Option - 4

Que. 12 In the following question, a sentence has been given in Active (or passive) voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive (or Active) voice.

He was congratulated by his teacher on his brilliant success in the recent examination.

1. His teacher congratulated him on his brilliant success in the recent examination.
2. His teacher congratulated him for his success in the examination.
3. His teacher congratulated him on his success.
4. His teacher congratulated him.

Testbook Solution Correct Option - 1

Que. 13 In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

All her life Ms Foster had a great fear of missing a train, a plane, a boat, or ____ (1) ____ a theatre curtain. In other respects, she was not a ____ (2) ____ nervous woman. But the mere thought of ____ (3) ____ on occasions like these would throw her ____ (4) ____ such a nervous state that a tiny muscle in the corner of her left eye would ____ (5) ____ twitch. This would disappear once she had boarded the plane etc.

Select the most appropriate option for blank No. 1.

1. hardly
2. even
3. extremely
4. quite

Testbook Solution Correct Option - 2

Que. 14 Select the most appropriate option for blank No. 2.

1. particularly
2. usual
3. general
4. particular

Testbook Solution Correct Option - 1

Que. 15 Select the most appropriate option for blank No. 3.

1. being late
2. be later
3. be late
4. being later

Testbook Solution Correct Option - 1

Que. 16 Select the most appropriate option for blank No. 4.

1. away
2. into
3. up
4. in

Testbook Solution Correct Option - 2

Que. 17 Select the most appropriate option for blank No. 5.

1. begun over
2. begun to
3. begin to
4. began to

Testbook Solution Correct Option - 3

Que. 18 Rearrange the following sentences in their correct order to form a meaningful paragraph.

P. Iron is an essential mineral, necessary for the several crucial functions of the body.

Q. In addition to the production of haemoglobin, iron helps to keep your hair, skin and nail health.

R. A large number of people across the globe are suffering from the problem of iron deficiency anaemia.

S. Women belonging to the menstruating age group are more prone to this deficiency as compared to others.

1. PQRS
2. QRSP
3. SPQR
4. RSPQ

Testbook Solution Correct Option - 1

Que. 19 **Direction:** Select the option that is nearest in meaning to the underlined word and mark your response in your answer sheet accordingly.

She is a **patron** of art and culture.

1. entrepreneur
2. admirer
3. critique
4. backer

Testbook Solution Correct Option - 4

Que. 20 Identify the best way to improve the bold part of the given sentence. If there is no improvement required, select 'no improvement'.

When he heard the rhetorical speech of the leader, he **was carried along** by his enthusiasm.

1. was carried afloat
2. was carried down
3. was carried away
4. no improvement

Testbook Solution Correct Option - 3

Que. 21 **Directions:** Each item in this section consists of a sentence with an underlined word(s) followed by four words/group of words. Select the option that is nearest in meaning to the underlined word and mark your response accordingly.

Advocacy is one major component of any new program.

1. promotion
2. opposition
3. critique
4. liking

Testbook Solution Correct Option - 1

Que. 22 Direction- In the following question, out of the four alternatives, select the alternative which will improve the underlined part of the sentence, in case of the no improvement is needed, select "No improvement".

The contradictions are apparent in her first appearance when we find her in a halfway house for recovering addicts.

1. No improvement
2. for recovering addiction
3. to recover addiction
4. for recovering addict

Testbook Solution Correct Option - 1

Que. 23 Directions: Choose the word or phrase which is a synonym or nearest in meaning to the word or phrase underlined.

Sporadic events of violence were reported on the bandh day.

1. Scattered
2. Communal
3. Frequent
4. Irksome

Testbook Solution Correct Option - 1

Que. 24 Direction: In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

The blue-green sheen of the small bird caught my eye. The bird is (1)_____ in my backyard. He has a nest (2)_____ somewhere behind the back-porch lights and (3)_____ lunch with the moles who have made holes (4)_____ the backyard lawn. These are not the only (5)_____ that call my home their own.

Select the most appropriate option to fill in blank no 1.

1. frequent
2. common
3. daily
4. regular

Testbook Solution Correct Option - 4

Que. 25 Select the most appropriate option to fill in blank no 2.

1. disguised
2. hooded
3. hidden

4. unknown

Testbook Solution Correct Option - 3

Que. 26 Select the most appropriate option to fill in blank no 3.

1. allows
2. divides
3. measures
4. shares

Testbook Solution Correct Option - 4

Que. 27 Select the most appropriate option to fill in blank no 4.

1. in
2. at
3. by
4. of

Testbook Solution Correct Option - 1

Que. 28 Select the most appropriate option to fill in blank no 5.

1. people
2. birds
3. creatures
4. persons

Testbook Solution Correct Option - 3

Que. 29 Choose the correct alternative which will improve the quoted part of the given sentence.

Make sure you 'contact with' as many teachers as possible

1. Contact to
2. Contact on
3. Contact
4. No improvement

Testbook Solution Correct Option - 3

Que. 30 Select the word that fills in the blank correctly and completes the sentence meaningful.

My father will retire from service _____ a year.

1. By
2. Of
3. On
4. In

Testbook Solution Correct Option - 4