

Booklet Serial No. **39033****DO NOT BREAK THE SEAL OF THE BOOKLET UNTIL YOU ARE TOLD TO DO SO****SERIES : I****QUESTION BOOKLET****Subjects : General English, General Knowledge & Aptitude and
Architectural Engineering****Full Marks : 350****Time Allowed : 2½ Hours***Read the following instructions carefully before you begin to answer the questions.***INSTRUCTIONS TO CANDIDATES**

1. This Booklet contains **175 questions** to be answered in a separate OMR Answer Sheet using Black Ballpoint Pen in the following three Parts :

Part—A : General English : 50 questions

Part—B : General Knowledge & Aptitude : 25 questions

Part—C : Architectural Engineering : 100 questions

2. **All** questions are compulsory.
3. You will be supplied the Answer Sheet separately by the Invigilator. You must complete the details of particulars asked for.
4. Answer must be shown by completely blackening the corresponding circle in the Answer Sheet against the relevant question number by Black Ballpoint Pen. OMR Answer Sheet without marking Series shall not be evaluated.

Example :

Suppose the following question is asked :

The Capital of Meghalaya is

- (A) Guwahati
(B) Kohima
(C) Shillong
(D) Delhi

You will have four alternatives in the Answer Sheet for your response corresponding to each question of the Question Booklet as below :

(A) (B) (C) (D)

In the above illustration, if your chosen response is alternative (C), i.e., Shillong, then the same should be marked on the Answer Sheet by blackening the relevant circle with a Black Ballpoint Pen only as below :

(A) (B) (C) (D)

The example shown above is the only correct method of answering.

5. Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do not spend too much time on any one question.
6. There will NOT be any negative marking for wrong answers.
7. The Answer Sheet must be handed over to the Invigilator before you leave the Examination Hall.
8. No Rough Work is to be done on the Answer Sheet. Space for Rough Work has been provided in the Question Booklet.

PART—A : GENERAL ENGLISH

(Marks : 100)

Each question carries 2 marks :

Direction : (Q. Nos. 1-10), Choose the correct options to fill in the gaps.

1. Tony wanted _____ water that was in the glass pitcher.
(A) some
(B) little
(C) a little
(D) the little
2. She always prefers _____ unique colours.
(A) some
(B) certain
(C) very
(D) a few
3. Practice makes _____ man perfect.
(A) a
(B) the
(C) certain
(D) few
4. Neither the invigilator nor the student _____ noticed that one digit is missing in his roll number.
(A) has
(B) have
(C) had
(D) could
5. When I entered the room she _____.
(A) had slept
(B) was sleeping
(C) slept
(D) has been sleeping
6. She was given a whole lot of _____ as her dowry.
(A) furniture
(B) furnitures
(C) many furnitures
(D) certain furnitures
7. I cannot compromise my duty for _____ bundle of notes.
(A) a
(B) the
(C) an
(D) No article
8. This is for _____ second time that this has happened.
(A) the
(B) a
(C) an
(D) No article
9. If I _____ a demon, I would have gobbled you up by now.
(A) was
(B) were
(C) am
(D) had been
10. He is senior _____ me.
(A) then
(B) than
(C) of
(D) to

Direction : (Q. Nos. 11–20), Choose the correct meanings of the phrases written below in italics.

11. She has *left no stone unturned* to get the job.
(A) Did not move any stone
(B) Moved every stone
(C) Left all the possibilities
(D) Made all the efforts
12. The ancestral plot of land is *an apple of discord* for the two brothers.
(A) An object of dispute
(B) A precious object
(C) An object of pride
(D) A much adored object
13. After much argument, her brother has *let the cat out of the bag*.
(A) Disclosed the secret
(B) Dispersed the news
(C) Dismissed the confusion
(D) Distanced from the group
14. For a long time, he has been trying to *pull himself together*.
(A) To hold onto something
(B) To keep his belongings together
(C) To put things in a harmony
(D) To calm down himself
15. It's time for me to *hit the sack*.
(A) Go to bed to sleep
(B) Punch on the sack
(C) Aim at success
(D) Get up and try for excellence
16. We have decided to *have a blast in the evening*.
(A) To do something calamitous
(B) To have a good time
(C) To blast a bomb
(D) To start a rebellion
17. I am *all ears* when someone is talking to me.
(A) Listen attentively
(B) Eavesdrop
(C) Remain silent
(D) Care for my ears
18. The politicians might *muzzle the truth*.
(A) To disclose the truth
(B) To spread the truth
(C) To exaggerate the truth
(D) To suppress the truth
19. She knows very well how to *pay one back in one's own coin*.
(A) To take vengeance upon
(B) To pay one's debt
(C) To stabilize economy
(D) To plan repayment
20. Every man must keep something for *a rainy day*.
(A) Days of high precipitation
(B) Days of crisis
(C) Days of drought
(D) Days of romance

Direction : (Q. Nos. 21–35), Choose the correct sentences.

- 21.** (i) She should have gone to the party.
(ii) She would have gone to the party.
(iii) She could have gone to the party.
(A) Only (i)
(B) Both (ii) and (iii)
(C) All are correct
(D) Both (i) and (iii)
- 22.** (i) One must do his duty.
(ii) None must do none's duty.
(iii) One must do one's duty.
(A) Only (i)
(B) Both (ii) and (iii)
(C) Only (iii)
(D) Both (i) and (ii)
- 23.** (i) His fortune mostly depends on his hard work.
(ii) His fortune more depends on his hard work.
(iii) His fortune depends on his hard work.
(A) Both (i) and (ii)
(B) Both (ii) and (iii)
(C) Both (i) and (iii)
(D) (i), (ii) and (iii)
- 24.** (i) She never returned to her own country.
(ii) She never returned back to her own country.
(iii) She ever returned to her country.
(A) Only (i)
(B) Only (ii)
(C) Both (ii) and (iii)
(D) Both (i) and (iii)
- 25.** (i) She told me that she will come tomorrow.
(ii) She told me that she would come tomorrow.
(iii) She has told me that she would come tomorrow.
(A) Only (i)
(B) Only (ii)
(C) Both (i) and (iii)
(D) (i), (ii) and (iii)
- 26.** (i) Neither he nor his sister reach school on time.
(ii) Neither he nor his sister reaches school on time.
(iii) Neither he nor his sister reached school on time.
(A) Only (i)
(B) All are correct
(C) Both (ii) and (iii)
(D) Both (i) and (ii)
- 27.** (i) Rita was thinking for quite sometime.
(ii) Rita has been thinking for quite sometime.
(iii) Rita is thinking for quite sometime.
(A) Both (i) and (ii)
(B) Both (ii) and (iii)
(C) Only (ii)
(D) (i), (ii) and (iii)
- 28.** (i) I can't stand his changing attitude.
(ii) I can't stand his changed attitude.
(iii) I couldn't stand his changing attitude.
(A) All are correct
(B) Only (i)
(C) Both (ii) and (iii)
(D) Both (i) and (ii)

29. (i) The captain is thrilled with the success of the troop.
(ii) The captain is thrilled at the success of the troop.
(iii) The captain is thrilled due to the success of the troop.
(A) Only (i)
(B) Both (i) and (ii)
(C) All are correct
(D) Only (iii)
30. (i) He is one of the member of the Red Cross Society.
(ii) He is one of the members of the Red Cross Society.
(iii) He is a member of the Red Cross Society.
(A) Both (i) and (ii)
(B) Both (ii) and (iii)
(C) Both (i) and (iii)
(D) All are correct
31. (i) A herd of cattle was grazing in the field.
(ii) A group of cattle was grazing in the field.
(iii) A herd of cattle were grazing in the field.
(A) Only (i)
(B) Only (ii)
(C) All are correct
(D) Only (iii)
32. (i) My brother always says that he likes the house that they have built.
(ii) My brother always says that he was liking the house that they built.
(iii) My brother always said that he liked the house that they built.
(A) Both (i) and (iii)
(B) Both (ii) and (iii)
(C) Only (i)
(D) (i), (ii) and (iii)
33. (i) There was a group of crows hovering above the mango grove.
(ii) There was a flock of crows hovering above the mango grove.
(iii) There was a murder of crows hovering above the mango grove.
(A) Only (iii)
(B) Only (ii)
(C) Only (i)
(D) Both (i) and (ii)
34. (i) They left the place for good.
(ii) They have left the place for good.
(iii) They would leave the place for good.
(A) All are correct
(B) Both (i) and (ii)
(C) Both (ii) and (iii)
(D) Only (i)
35. (i) The students are planning to go on a picnic.
(ii) The students are planning to go to a picnic.
(iii) The students are planning to go in a picnic.
(A) Only (i)
(B) Only (ii)
(C) Only (iii)
(D) All are correct

Direction : Read the following passage and follow the instructions given below.

I designed, after my first voyage, to spend the rest of my days at Baghdad, but it was not long ere I grew weary of an indolent life, and I put to sea a second time, with merchants of known probity. We embarked on board a good ship, and after recommending ourselves to God, set sail. One day we landed on an island covered with several sorts of fruit trees, but we could see neither man nor animal. We walked in the meadows, along the streams that watered them. Whilst some diverted themselves with gathering flowers, and others fruits, I took my wine and provisions, and sat down near a stream betwixt two high trees, which afforded a delightful shade. I made a good meal, and afterwards fell asleep. I cannot tell how long I slept, but when I awoke the ship was no longer in view.

In this sad condition, I was ready to die with grief. I cried out in agony, beat my head and breast, and threw myself upon the ground, where I lay some time, overwhelmed by a rushing current of thoughts, each more distressing than the last. When I gazed towards the sea I could discern nothing but sky and water; but looking over the land I beheld something white, and coming down, I took what provision I had left, and went towards the object, which was so distant that at first I could not distinguish what it was.

As I approached, I thought it to be a white dome, of a prodigious height and extent. I drew near to it, and walked around it; but found no door to it. I found that I had neither strength nor activity to climb it, on account of its exceeding smoothness. I made a mark at the place where I stood and went round the dome, measuring its circumference; and lo! It was fifty full paces; and I meditated on some means of gaining an entrance into it; but no means of accomplishing this occurred to me.

By this time the sun was about to set, and all of a sudden the sky became as dark as if it had been covered with a thick cloud. I was much astonished at this sudden darkness but much more when I found it occasioned by a bird of a most extraordinary size, that came flying towards me. I remembered that I had often heard mariners speak of a miraculous bird called the roc, and conceived the great dome which I so much admired, must be her egg.

Choose the appropriate antonym of the following words (Q. Nos. 36-42) :

36. Indolent
(A) Vigorous
(B) Talented
(C) Inactive
(D) Industrious
37. Embark
(A) Unembark
(B) Disembark
(C) Embarkless
(D) Inembark
38. Prodigious
(A) Unprodigious
(B) Abnormal
(C) Average
(D) Impressive
39. Extraordinary
(A) Valueless
(B) Common
(C) Specific
(D) Parochial

40. Sudden

- (A) Occasional
- (B) Gradual
- (C) Frequent
- (D) Slow

41. Accomplishing

- (A) Completing
- (B) Fulfilling
- (C) Failing
- (D) Performing

42. Agony

- (A) Grief
- (B) Anguish
- (C) Mirth
- (D) Anger

Choose the appropriate meanings of the words given below in the specific context of the passage (Q. Nos. 43-50) :

43. Voyage

- (A) Cruise
- (B) Discovery
- (C) Adventure
- (D) Search for knowledge

44. Meadow

- (A) Grassy field
- (B) Valley
- (C) Plains
- (D) Riverside

45. Overwhelmed

- (A) Overjoyed
- (B) Angered
- (C) Overcrowded
- (D) Besieged

46. Mariners

- (A) Companions
- (B) Sailors
- (C) Travelers
- (D) Narrators

47. Betwixt

- (A) Among
- (B) Beside
- (C) Between
- (D) Besides

48. Beheld

- (A) Saw
- (B) Noticed
- (C) Felt
- (D) Held in between

49. Dome

- (A) An elongated building
- (B) A sphere
- (C) A structural element resembling the hollow upper half of a sphere
- (D) An oval object

50. Admired

- (A) Esteemed
- (B) Praised
- (C) Pursuit
- (D) Thought of

PART—B : GENERAL KNOWLEDGE & APTITUDE

(Marks : 50)

Each question carries 2 marks :

51. Who is the only Indian Boxer who clinched a gold medal in the Boxing World Cup held in Germany in 2019 in 54 kg weight category?
- (A) Mary Kom
(B) Meena Kumari Maisnam
(C) Pinky Rani
(D) Sakshi Chaudhary
52. Which among the iconic structures mentioned below almost burnt down in 2019 after a devastating blaze?
- (A) The Acropolis of Athens
(B) The Westminster Abbey
(C) The Colosseum
(D) The Notre-Dame Cathedral
53. The inventor of World Wide Web is
- (A) Bill Gates
(B) Mark Zuckerberg
(C) Tim Berners-Lee
(D) Jan Koum
54. The first Chief Minister of the State of Meghalaya was
- (A) Williamson A. Sangma
(B) B. B. Lyngdoh
(C) P. A. Sangma
(D) S. C. Marak
55. Meghalaya attained full Statehood on
- (A) 21st January, 1971
(B) 22nd January, 1970
(C) 1st April, 1970
(D) 21st January, 1972
56. The Constitution of India came into effect from
- (A) 15th January, 1950
(B) 26th January, 1950
(C) 15th June, 1947
(D) 15th August, 1947
57. The National Science Day is celebrated in India on 28th of February each year to mark the discovery of Raman Effects by
- (A) Sir C. V. Raman
(B) Homi Jehangir Bhabha
(C) S. Chandrasekhar
(D) Meghnad Saha
58. The first newspaper to be started in India was
- (A) *Bengal Gazette*
(B) *National Herald*
(C) *Indian Opinion*
(D) *India News*

59. Which scheme has been launched by the Ministry of New and Renewable Energy (MNRE) to encourage farmers to use and generate solar power?
- (A) PM-KIRAN
(B) PM-UJJWALA
(C) PM-KUSUM
(D) PM-URJA
60. Which powerful rocket was used to launch Chandrayaan-2?
- (A) PSLV-C11
(B) GSLV MARK-3
(C) GSLV-P2
(D) ASLV-D3
61. The term 'cannon' is associated with which sport?
- (A) Chess
(B) Billiards
(C) Golf
(D) Hockey
62. Which State has become the first State to grant 10% quota in government jobs and education for the Economically Weaker Sections (EWS) of the general category?
- (A) Gujarat
(B) West Bengal
(C) Maharashtra
(D) Bihar
63. Who was the first Governor-General of Independent India?
- (A) Lord William Bentinck
(B) Lord Louis Mountbatten
(C) C. Rajagopalachari
(D) Warren Hastings
64. Consider the following Assertion (A) and Reason (R) and select the correct answer using the code given below :
- Assertion (A) :
No man is perfect.
- Reason (R) :
Some men are not perfect.
- Code :
- (A) Both (A) and (R) are true but (R) does not provide sufficient reason for (A).
(B) Both (A) and (R) are true and (R) provides sufficient reason for (A).
(C) (A) is true but (R) is false.
(D) (A) is false but (R) is true.
65. In a group of six students, Namita and Samita are brilliant and studious. Anita and Karabi are obedient and irregular. Babita and Namita are irregular but brilliant. Samita and Kabita are regular and obedient. Who among them is/are brilliant, obedient, regular and studious?
- (A) Samita and Babita
(B) Namita and Samita
(C) Samita alone
(D) Anita alone
66. Choose the antonym of the word 'sporadic' from among the following options.
- (A) Continual
(B) Spasmodic
(C) Contiguous
(D) Ridiculous

67. Choose the proper alternative given in the answer options to replace the question mark.
Bee : Honey, Cow : Milk, Teacher : ?
(A) Intelligence
(B) Marks
(C) Lessons
(D) Wisdom
68. The ratio between the length and breadth of a rectangular park is in the ratio 3 : 2. If a man cycling around the boundary of the park at a speed of 12 km/hr. completes one round in 8 minutes, then the area of the park (in square metre) is
(A) 15360 (B) 153600
(C) 30720 (D) 307200
69. Find the next term in the following series :
120, 99, 80, 63, 48, ____
(A) 33 (B) 34
(C) 35 (D) 27
70. In a certain code, SELECTION is coded as QCJCARGML. The code of AMERICANS will be
(A) YKCPGAYLQ
(B) YKCPGALYQ
(C) QLYAGPCKY
(D) YQKLCYPAG
71. Solve the following riddle :
"What is that which weighs nothing, but one can still see. If you put this in a bucket, it makes the bucket lighter".
(A) An air bubble
(B) Light
(C) Phantom
(D) A hole
72. A is sister of B. F is daughter of G. C is mother of B. D is father of C. E is mother of D. A is related to D as
(A) granddaughter
(B) daughter
(C) daughter-in-law
(D) sister
73. A child went 90 metres to the East to look for his sister, and then he turned right and went 20 metres. After that, he turned right and after going 30 metres, he reached his Aunt's house. From there, he went 100 metres to the North and finally met his sister. How far was the sister from the original starting point?
(A) 80 metres
(B) 100 metres
(C) 120 metres
(D) 260 metres
74. Pointing to a picture of a boy in a photograph, Alishia said, "He is the only son of the only child of my grandfather." How is Alishia related to the boy?
(A) Mother
(B) Sister
(C) Aunt
(D) Cannot be determined
75. At present a person is 4 times older than his son and is 3 years older than his wife. After 3 years, the age of the son will be 15 years. The age of the person's wife after 5 years will be
(A) 42 years
(B) 48 years
(C) 45 years
(D) 50 years

PART—C : ARCHITECTURAL ENGINEERING

(Marks : 200)

Each question carries 2 marks :

- 76.** Which architectural theory advocates for the use of architecture as a means of social change and activism?
- (A) Postmodernism
(B) Structuralism
(C) Critical regionalism
(D) New urbanism
- 77.** What is the highest global award in architecture?
- (A) Pritzker Prize
(B) Pulitzer Prize
(C) RIBA Award
(D) Aga Khan Award
- 78.** Name the only Indian architect who had received the Pritzker Prize in the year 2018.
- (A) B. V. Doshi
(B) Mahdavi Doshi
(C) Girish Doshi
(D) Charles Correa
- 79.** What is the tallest building in the world?
- (A) Burj Khalifa
(B) Shanghai Tower
(C) Abraj al-Bayt Clock Tower
(D) Taipei 101
- 80.** The architectural theory of 'utopianism' explores
- (A) idealistic visions of a perfect society translated into built form
(B) maximizing profits through architectural innovation
(C) incorporating elements of fantasy and whimsy into architectural design
(D) rejecting conventional architectural styles in favor of radical experimentation
- 81.** What are LEED, IGBC, GRIHA certifications?
- (A) On sustainable building practices awarded to buildings, which meet certain green building criteria
(B) On buildings, which provide rainwater harvesting
(C) On buildings, which provide solar power
(D) On buildings, which provide good design
- 82.** The term 'adaptive reuse' in architecture means
- (A) repurposing old buildings for new uses
(B) retaining building historical features
(C) preserving cultural heritage and reducing waste
(D) All of the above

83. Who is the first female recipient of the Pritzker Prize?
- (A) Anne Lacaton
(B) Zaha Hadid
(C) Kazuyo Sejima
(D) Yvonne Farrell
84. Which architect coined the word 'form follows function'?
- (A) Frank Lloyd Wright
(B) Louis Sullivan
(C) Philip Johnson
(D) Ludwig Mies van der Rohe
85. Which architectural theory emphasizes the importance of context and site-specific design?
- (A) Universal design
(B) Contextualism
(C) Structuralism
(D) Postmodernism
86. The Council of Architecture, constituted by the Indian Government, is a department or a part of which of the following ministries?
- (A) Ministry of Environment, Forest and Climate Change
(B) Ministry of Education
(C) Ministry of Home Affairs
(D) Ministry of Road Transport and Highways
87. Green roofs are rooftops covered with vegetation that can offer many benefits which includes
- (A) improved insulation
(B) stormwater management
(C) urban heat island effect
(D) All of the above
88. What is the minimum standard size of a PWD toilet?
- (A) 2200 mm × 2500 mm
(B) 2200 mm × 2000 mm
(C) 1500 mm × 1500 mm
(D) 1500 mm × 1800 mm
89. What is the minimum clearance width for an accessible ramp?
- (A) 1500 mm
(B) 1200 mm
(C) 1000 mm
(D) 900 mm
90. _____ of building is the useful area or liveable area or lettable area. This is the total floor area minus the circulation area, verandahs, corridors, passages, staircase, lifts, entrance hall, etc., minus other non-useable areas.
- (A) Plinth area
(B) Floor area
(C) Carpet area
(D) Circulation area

91. What type of structural system is typically used for high-rise buildings to resist wind and seismic forces?
- (A) Load-bearing wall
 (B) Post-and-beam
 (C) Truss
 (D) Shear wall
92. What is the main advantage of using prefabricated construction methods?
- (A) Higher cost
 (B) Faster construction time
 (C) Increased on-site labor
 (D) Limited design flexibility
93. Which of the following principles is **not** one of the primary principles of architectural design?
- (A) Balance
 (B) Emphasis
 (C) Harmony
 (D) Saturation
94. In architectural terms, what does the term 'fenestration' refer to?
- (A) The structural framework
 (B) The design and arrangement of windows
 (C) The type of roofing materials
 (D) The process of laying bricks
95. Name the regulatory bodies that enforce building permission in Meghalaya.
- (A) NBC, MUDA
 (B) MUDA, KHADC, JHADC, GHADC
 (C) IGBC, MUDA, KHADC
 (D) JHADC, KHADC, GHADC, NBC
96. Which is **not** the heritage building in Meghalaya?
- (A) Cathedral of Mary help of Christians
 (B) Raj Bhavan
 (C) Mayurbhanj
 (D) All Saints' Church
97. The heritage site in Meghalaya is
- (A) Mawphlang Sacred Groves
 (B) Nartiang Monoliths
 (C) Balpakram plateau and gorge
 (D) All of the above
98. What is the primary purpose of zoning laws in urban planning?
- (A) To increase property values
 (B) To control land use and development
 (C) To create traffic congestion
 (D) To limit building heights
99. What is the primary purpose of building codes?
- (A) To ensure aesthetic uniformity
 (B) To provide guidelines for sustainable architecture
 (C) To ensure the safety and health of occupants
 (D) To standardize architectural styles
100. Meghalaya lies in which seismic area?
- (A) ZONE II
 (B) ZONE III
 (C) ZONE IV
 (D) ZONE V

- 101.** In the context of accessibility, what does PWD stand for?
- (A) Public Works Department
 (B) Persons With Disabilities
 (C) Public With Development
 (D) None of the above
- 102.** What is the role of ECBC in a building design?
- (A) To set minimum energy standards for new commercial buildings
 (B) To set minimum energy standards for new residential buildings
 (C) To set minimum energy standards for new commercial and residential buildings
 (D) None of the above
- 103.** How do you approach to design a building in a flood-prone area?
- (A) Design strategies include designing proper drainage systems
 (B) Design strategies include elevating the structure, using flood-resistant materials
 (C) Design strategies include adhering to local floodplain regulations
 (D) All of the above
- 104.** What factors influence the selection of building materials?
- (A) Factors include durability and cost
 (B) Factors include sustainability and availability
 (C) Factors include aesthetics and the material's suitability for the intended purpose
 (D) All of the above
- 105.** Which of the following is used to improve the energy efficiency of an existing building?
- (A) Method includes installing energy-efficient windows and HVAC systems
 (B) Method includes upgrading insulation
 (C) Method includes incorporating renewable energy sources
 (D) All of the above
- 106.** What is retrofitting in building?
- (A) To furnish and repair the existing buildings
 (B) To dismantle the old structure and built a new one
 (C) Strengthening the existing structure using technology to enhance performance
 (D) All of the above
- 107.** Who is the architect of the new Parliament of India building inaugurated recently?
- (A) Bimal Patel
 (B) Rahul Mehrotra
 (C) Yogesh Kapoor
 (D) None of them
- 108.** The famous British architect Edwin Lutyens is best known for designing
- (A) Victoria Memorial
 (B) Supreme Court building
 (C) India Gate
 (D) Gateway of India

- 109.** The Aga Khan Palace is located in which State?
 (A) Maharashtra
 (B) Uttar Pradesh
 (C) Kerala
 (D) Madhya Pradesh
- 110.** The All India War Memorial, built in the memory of the Indian soldiers who laid down their lives in the First World War, is known today as
 (A) Charminar
 (B) Lal Quila
 (C) Jama Masjid
 (D) India Gate
- 111.** Who built the Kailasha Temple at Ellora?
 (A) Rajendra I
 (B) Mahendravarman I
 (C) Mihira Bhoja I
 (D) Krishna I
- 112.** Name the first green building in India.
 (A) ITC Green Centre in Gurgaon
 (B) CII-Godrej GBC building in Hyderabad
 (C) Infinity Benchmark in Kolkata
 (D) Rajiv Gandhi Airport in Hyderabad
- 113.** Who designed Mukesh Ambani's Antilia?
 (A) Adrian Smith
 (B) Rajiv Parekh
 (C) Perkins and Will
 (D) Hafeez Contractor
- 114.** Which of the following buildings is a prime example of Gothic architecture?
 (A) The Parthenon
 (B) The Colosseum
 (C) Notre-Dame Cathedral
 (D) The Pantheon
- 115.** Who is known as the father of modern architecture?
 (A) Frank Lloyd Wright
 (B) Le Corbusier
 (C) Louis Sullivan
 (D) Ludwig Mies van der Rohe
- 116.** The international style in architecture is most closely associated with whom among the following architects?
 (A) Antoni Gaudi
 (B) Frank Gehry
 (C) Ludwig Mies van der Rohe
 (D) Renzo Piano
- 117.** A deconstructivist architect who designed the Dancing House in 1996 and Walt Disney Concert Hall in 2003 is
 (A) Frank Lloyd Wright
 (B) Robert Charles Venturi
 (C) Frank Gehry
 (D) Louis Sullivan
- 118.** Neo-futuristic architect, Eero Saarinen, was famous for his work of
 (A) The Hague Getty Center Museum
 (B) Barcelona Pavilion
 (C) Walt Disney Concert Hall
 (D) TWA Flight Center

119. Which of the following is one of the Jewish architect, Daniel Libeskind's renowned works?
 (A) TWA Flight Center
 (B) Museum of Islamic Arts
 (C) Franklin Court
 (D) Imperial War Museum North
120. Who is known as the father of skyscrapers and father of modernism and also notable for his famous work of Auditorium Building in 1889?
 (A) Daniel Burnham
 (B) Louis Sullivan
 (C) Frank Lloyd Wright
 (D) Oscar Niemeyer
121. Who is known as The Smiling Architect who designed the Louvre Pyramid in Paris and Museum of Islamic Arts?
 (A) Renzo Piano
 (B) Walter Gropius
 (C) I. M. Pei
 (D) Oscar Niemeyer
122. Which emphasizes a return to humanistic and pluralist architectural expression?
 (A) Organic architecture
 (B) Bauhaus
 (C) Postmodernism
 (D) Modernism
123. Which architectural movement emphasized simplicity and functionality in design?
 (A) Baroque
 (B) Rococo
 (C) Modernism
 (D) Art Deco
124. The Guggenheim Museum in Bilbao, Spain, is designed by which architect?
 (A) Frank Lloyd Wright
 (B) Zaha Hadid
 (C) Frank Gehry
 (D) Norman Foster
125. Which principle of design is primarily concerned with the relationship between different parts of a structure?
 (A) Proportion
 (B) Scale
 (C) Rhythm
 (D) Balance
126. What does the term 'sustainable architecture' refer to?
 (A) Designing buildings with complex aesthetics
 (B) Using materials that are environmentally friendly
 (C) Following historical architectural styles
 (D) Implementing cutting-edge technology
127. Which of the following is a common material used in the construction of foundations?
 (A) Wood (B) Concrete
 (C) Glass (D) Aluminum
128. What is the primary characteristic of reinforced concrete?
 (A) It is made entirely of concrete
 (B) It has steel bars or mesh embedded in it
 (C) It is used only for decorative purposes
 (D) It is lighter than regular concrete

- 129.** Which type of roof has two slopes on each side with the lower slope being steeper than the upper one?
- (A) Gable roof
(B) Hip roof
(C) Mansard roof
(D) Shed roof
- 130.** Which construction method involves assembling buildings from pre-fabricated components?
- (A) Stick framing
(B) Modular construction
(C) Balloon framing
(D) Tilt-up construction
- 131.** What is the main advantage of using steel in building construction?
- (A) It is cost-effective
(B) It is lightweight and easy to cut
(C) It provides high strength and flexibility
(D) It has excellent insulating properties
- 132.** In building construction, what is the purpose of using a vapor barrier?
- (A) To enhance structural integrity
(B) To prevent moisture from entering the building envelope
(C) To provide additional insulation
(D) To increase aesthetic appeal
- 133.** Designed by Charles Correa, which building is an iconic landmark in Central Delhi and houses an international library?
- (A) Hall of Nations
(B) India Habitat Centre
(C) British Council
(D) Pragati Maidan
- 134.** Designed by Iranian-American architect Fariborz Sahba, which of the following is located in New Delhi, a place of worship made of marble?
- (A) India International Centre
(B) Rajiv Gandhi Bhawan
(C) Industree
(D) Baha'i House of Worship
- 135.** A recently constructed modern Hindu temple in Delhi that was inaugurated in 2005 and built on the principles of Vastu Shastra and Pancharatra Shastra is
- (A) Sun Temple
(B) Lotus Temple
(C) Akshardham Temple
(D) Kalikambal Temple
- 136.** Formally known as Matrimandir, it took almost 37 years to be built. It serves as a peaceful space for meditation hall and contains the world's largest optically-perfect glass dome. What is the name of the place and where is it situated?
- (A) Cybertecture Egg, Mumbai
(B) Bombay Art Society, Mumbai
(C) Infosys Multiplex, Mysore
(D) Auroville in Puducherry, Tamil Nadu
- 137.** Louis Kahn is associated with the construction of this prestigious institutional building and completed in 1961. What is the name of the building?
- (A) Indian Institute of Management, Ahmedabad
(B) Infosys Campus, Mysore
(C) Jawahar Kala Kendra, Jaipur
(D) Vidhana Soudha, Bangalore

- 138.** Point out the incorrect connection.
- (A) Connaught Place and Sobha Singh
 - (B) Capitol Complex and Le Corbusier
 - (C) Auroville Matrimandir and Roger Anger
 - (D) Rashtrapati Bhavan and Charles Correa
- 139.** The large marble building is dedicated to Queen Victoria and functions as a museum. It is built in the Indo-Saracenic style blended with classic Mughal architecture with Neoclassical or Gothic revival styles. Name the structure and where it is situated.
- (A) Chhatrapati Shivaji Terminus, Mumbai
 - (B) Victoria Memorial, Kolkata
 - (C) Gateway of India, Mumbai
 - (D) Writers' Building, Kolkata
- 140.** In working drawings, what does the term 'detail callout' indicate?
- (A) A specific point on a drawing used for measurements
 - (B) A note indicating the direction of north
 - (C) A magnified view of a specific portion of a drawing
 - (D) A decorative element used in elevation drawing
- 141.** What does the term 'flashing' refer to in architectural working drawings?
- (A) A command in computer-aided design (CAD) for parallel lines
 - (B) A method for indicating scale in drawings
 - (C) A waterproofing element used to redirect water away from building components
 - (D) A type of drafting tool for precision drawing
- 142.** The lines not seen in the plan but denote the presence of elements above like pergolas, canopy are denoted by
- (A) dashed lines
 - (B) thick lines
 - (C) continuous lines
 - (D) dotted lines
- 143.** What is the full form of BIM?
- (A) Building Internet Model
 - (B) Building Integrated Modeling
 - (C) Building Infrared Modeling
 - (D) Building Information Modeling
- 144.** What is the full form of ETP?
- (A) Effluent Treatment Plant
 - (B) Environment Treatment Plant
 - (C) Environmental Treatment Plant
 - (D) Effluent Treatment Project
- 145.** The drawing issued to the site for execution is called
- (A) schematic drawing
 - (B) reference drawing
 - (C) working drawing
 - (D) approval drawing
- 146.** What type of beam is commonly used to support heavy loads over short spans, such as in floor joists?
- (A) Cantilever beam
 - (B) Continuous beam
 - (C) Simply supported beam
 - (D) Composite beam
- 147.** In structural engineering, what term describes the force that tends to cause rotation or twisting of a structural member?
- (A) Bending moment
 - (B) Shear force
 - (C) Torsional force
 - (D) Axial load

148. Which type of beam is composed of two or more materials such as steel and concrete, bonded together to act as a single unit?
- (A) Composite beam
 - (B) Simply supported beam
 - (C) Continuous beam
 - (D) Cantilever beam
149. What structural element is primarily responsible for transferring loads from the superstructure to the substructure?
- (A) Beam (B) Column
 - (C) Slab (D) Truss
150. In structural design, what term describes the ability of a material to resist deformation under load?
- (A) Ductility
 - (B) Modulus of elasticity
 - (C) Toughness
 - (D) Flexibility
151. Cantilever is
- (A) a projecting beam or structure supported at only one end, commonly used in bridges, balconies and overhangs
 - (B) a beam or structure supported at both ends
 - (C) a beam that supports by a column
 - (D) a column that supports a slab
152. What term refers to the resistance of a material to being pulled apart or stretched?
- (A) Compression
 - (B) Tension
 - (C) Shear
 - (D) Bending
153. In structural engineering, what does the term 'shear force' refer to?
- (A) The force that causes a beam to bend
 - (B) The force that tries to slide one part of a material over another
 - (C) The force that compresses or stretches a material
 - (D) The force that acts parallel to the surface of a material
154. Which column type is characterized by its slender shape and tendency to buckle under compressive loads?
- (A) Short column
 - (B) Long column
 - (C) Tapered column
 - (D) Reinforced column
155. Which architectural theory emphasizes the importance of functionality and efficiency in design?
- (A) Postmodernism
 - (B) Deconstructivism
 - (C) Functionalism
 - (D) Brutalism
156. What is the primary purpose of a building's foundation?
- (A) To support the roof
 - (B) To create aesthetic appeal
 - (C) To bear the load of the building
 - (D) To provide insulation
157. Which is the combination of Roman and Byzantine Architecture basically Roman in style?
- (A) Roman Architecture
 - (B) Roman-Byzantine Architecture
 - (C) Romanesque Architecture
 - (D) Saracenic Architecture

158. Which architectural theory focuses on the idea of architecture as a reflection of social structures and power dynamics?
- (A) Deconstructivism
(B) Structuralism
(C) Postmodernism
(D) Neoclassicism
159. The Bauhaus Movement is associated with which architectural theory?
- (A) Postmodernism
(B) Functionalism
(C) Modernism
(D) Expressionism
160. Who coined the term 'critical regionalism' in architecture?
- (A) Kenneth Frampton
(B) Rem Koolhaas
(C) Zaha Hadid
(D) Richard Meier
161. Which architectural theory emphasizes the use of local materials, traditions and environmental considerations in design?
- (A) Regionalism
(B) Deconstructivism
(C) International style
(D) Eclecticism
162. Postmodern architecture is characterized by
- (A) minimalism and simplicity
(B) ornamentation and historical references
(C) organic forms and fluid structures
(D) rationality and functionality
163. Who is known for introducing the concept of 'blob architecture'?
- (A) Frank Gehry
(B) Zaha Hadid
(C) Santiago Calatrava
(D) Peter Eisenman
164. Deconstructivism in architecture is influenced by which philosophical movement?
- (A) Existentialism
(B) Postmodernism
(C) Structuralism
(D) Deconstructionism
165. The theory of 'biophilic design' in architecture focuses on
- (A) incorporating natural elements and processes into built environments
(B) maximizing urban density and efficiency
(C) emphasizing technological innovation in construction
(D) rejecting traditional architectural principles
166. The concept of 'genius loci' in architecture refers to
- (A) the spirit or essence of a place
(B) architectural genius attributed to specific individuals
(C) the use of advanced technology in building design
(D) the importance of structural integrity in architecture

- 167.** Which architect is associated with the concept of 'organic architecture'?
- (A) Walter Gropius
 - (B) Antoni Gaudi
 - (C) Eero Saarinen
 - (D) Alvar Aalto
- 168.** The architectural theory of 'parametricism' is characterized by
- (A) geometrically complex forms generated through computational algorithms
 - (B) emphasis on traditional craftsmanship and manual labor
 - (C) utilization of recycled materials in construction
 - (D) minimalist designs with clean lines and simplicity
- 169.** The architectural theory of 'critical practice' emphasizes
- (A) challenging established norms and power structures within the profession
 - (B) strict adherence to traditional design principles
 - (C) prioritizing aesthetics over functionality
 - (D) promoting architectural elitism
- 170.** The 'formalism' theory in architecture emphasizes
- (A) the importance of structural integrity and engineering prowess
 - (B) aesthetic qualities and visual appeal over function
 - (C) incorporating historical references into contemporary designs
 - (D) embracing randomness and chaos in design
- 171.** Who is known for his theory of 'architecture parlante'?
- (A) Louis Kahn
 - (B) Bernard Tschumi
 - (C) Le Corbusier
 - (D) Claude Nicolas Ledoux
- 172.** The 'semiology of architecture' theory focuses on
- (A) analyzing the use of signs and symbols in architectural communication
 - (B) engineering principles and structural stability
 - (C) the psychological impact of architecture on human behavior
 - (D) creating environmentally sustainable buildings
- 173.** Who is credited with the theory of 'tectonics' in architecture?
- (A) Gottfried Semper
 - (B) Ludwig Mies van der Rohe
 - (C) Frank Lloyd Wright
 - (D) Le Corbusier
- 174.** Who is known for introducing the concept of 'architecture of the image'?
- (A) Peter Zumthor
 - (B) Daniel Libeskind
 - (C) Jean Nouvel
 - (D) Bernard Tschumi
- 175.** The concept 'architecture as a second skin' is associated with
- (A) Renzo Piano
 - (B) Jean Nouvel
 - (C) Norman Foster
 - (D) Richard Meier