



TM
DESIGN
ACADEMY

MCQs

(Architectural Awareness, Design Theory
and General Awareness)

with Answers

2022
Edition

**Architecture Entrance Exams
JEE (Main) - B. Arch & NATA**

Celebrating



of Excellence
1997 - 2022

INDEX

Ex. No.	Content	Page No.	Total Questions.
01	Architectural Awareness - 1	1-6	40
02	Architectural Awareness - 2	7-12	40
03	Architectural Awareness - 3	13-18	40
04	Architectural Awareness - 4	19-23	40
05	Architectural Awareness - 5	24-28	40
06	Architectural Awareness - 6	29-32	40
07	Architectural Awareness - 7	33-40	45
08	Architectural Awareness - 8	41-45	45
09	Architectural Awareness - 9	46-50	40
10	Architectural Awareness - 10	51-55	40
11	Architectural Awareness - 11	56-60	40
12	Architectural Awareness - 12	61-65	42
13	Architectural Awareness - 13	66-71	40
14	Architectural Awareness - 14	72-75	37
15	Architectural Awareness - 15	76-79	26
16	Architectural Awareness - 16	80-81	16
17	General Awareness	82-86	50

INDEX

Ex. No.	Content	Page No.	Total Questions.
18	Geometry	87-89	26
19	Design Theory - 1	90-94	50
20	Design Theory - 2	95-99	40
21	Design Theory - 3	100-104	35
22	Design Theory - 4	105-108	33
23	Design Theory - 5	109-112	40
24	Design Theory - 6	113-116	35
25	Design Theory - 7	117-120	31
26	Questions Related to Materials and Textures - 1	121-124	40
27	Questions Related to Materials and Textures - 2	125-128	40
28	Questions Related to Materials and Textures - 3	129-130	18
29	Design Theory - 8	131-134	21

1. Identify the building



- a Indian Institute of Technology, Delhi
- b IIFM, Bhopal
- c IIM, Bangalore
- d Indian Coffee House, Trivendrum

2. Identify the building



- a Indian Institute of Technology, Delhi
- b IIFM, Bhopal
- c IIM, Bangalore
- d IIM (Old), Ahmedabad

3. Identify the building



- a Indian Institute of

Technology, Delhi

- b Indian International Centre, New Delhi
- c White House, Washington DC
- d Hiroshima Peace Memorial Museum, Japan

4. Identify the building



- a New Secretariat, Kolkatta
- b DLF Centre, New Delhi
- c Indian Institute of Technology, Delhi
- d Hiroshima Peace Memorial Museum, Japan

5. Identify the building



- a High Court, Chandigarh
- b Chanakya Theatre, New Delhi
- c Assembly Hall, Chandigarh
- d NDMC Building, New Delhi

6. Identify the building

1. Identify the palace shown in the image below



- a Umaid Bhavan
b Mysore palace
c Jaganmohan Palace
d Bangaluru Palace
2. Identify the bridge shown in the image below



- a Golden Gate Bridge, California
b Tower Bridge, London
c Harbour Bridge, Sydney
d Viaduct, Millau
3. Identify the bridge shown in the image below



- a Golden Gate Bridge, California
b Tower Bridge, London
c Harbour Brige, Sydney
d Howrah Bridge, Kolkata

4. World's largest Buddhist temple is

- a Borobudur Temple
b Ruwanwelisaya, Srilanka
c Dhamek Stupa
d Swayambhunath

5. A famous temple in India is also known as black pagoda. Which is it?

- a Teli ka Mandir, Gwalior
b Konark Sun Temple
c Shore Temple, Mahabalipuram
d Minakshi Temple, Madurai

6. A famous bridge in India, also known as Ravindra Setu, is _____

- a Godavari bridge
b Yamuna bridge
c Howrah Bridge
d none of the above

7. Amar Jawan Jyoti is at

- a Gateway of India, Mumbai
b India Gate, New Delhi
c Charminar, Hyderabad
d Jalianwala Bagh, Amritsar

8. Both, C N Tower and Seattle Space Needle are

- a Clock Towers
b Observation Towers
c War Memorial Towers
d None of the above

9. Howrah Bridge is built over _____ river

- a Ganga
b Yamuna
c Godwari

1. Kanchanjanga Apartments in Mumbai is designed by

- a B V Doshi
- b Achyut Kanvinde
- c Charles Correa
- d Bimal Patel

2. Shakti Sthal at New Delhi is designed by

- a Anant Raje
- b C P Kukreja
- c Ravindra Bhan
- d K T Ravindran

3. Identify the architect shown below in the image



- a Achyut Kanvinde
- b B V doshi
- c Anant Raje
- d Bimal Patel

4. Architect of Victoria Memorial at Kolkata is

- a James Hoban
- b William Emmerson
- c Laurie Baker
- d Louis I Kahn

5. Identify the architect shown below in the image



- a Alvaro Siza
- b Alvar Aalto
- c Philip Johnson
- d F L Wright

6. IIT Kanpur is designed by

- a Raj Rewal
- b Achyut Kanvinde
- c B V Doshi
- d Anant Raje

7. Pinjore Garden in Haryana is designed by

- a Ustad Isa
- b Fidai Khan
- c Taimoor
- d None of the above

8. Architect of IIM Bangalore is


- a Ravindra Bhan
- b Achyut Kanvinde
- c B V Doshi
- d Charles Correa

9. Identify the architect shown below in the image

1. Arrange the following in the order of their position in a building from bottom to top
 - 1 Roof
 - 2 Plinth
 - 3 Walls
 - 4 Foundation
 - a 1 2 3 4
 - b 4 2 3 1
 - c 3 2 4 1
 - d 4 2 1 3

2. The lowermost part of a building, which takes the entire load of it is
 - a Plinth
 - b Pediment
 - c Superstructure
 - d Foundation

3. Plinth is the _____ part of the _____
 - a Uppermost, Foundation
 - b Uppermost, Superstructure
 - c Lowermost, Superstructure
 - d Middle, Roof

4. The Picture shown below is of _____
 
 - a Plinth
 - b Foundation
 - c Drainage
 - d Parapet

5. It is the part of the building which is used as the liveable space
 - a Substructure
 - b Roof
 - c Plinth
 - d Superstructure

6. Which part of the building is generally made to look attractive
 - a Basement
 - b Lintels
 - c Facade
 - d Water tanks

7. By seeing this part of the building, one can easily identify the type of architectural style used for its design
 - a Wall paint
 - b Flooring
 - c Foundations
 - d Superstructure

8. RCC stands for
 - a Rearranged Curable Concrete
 - b Recyclable Cement Concrete
 - c Reinforced Cement Concrete
 - d Rectified Concrete Components

9. The Materials used for RCC work are
 - a Sand, Cement, Steel, Aggregate
 - b Sand, Lime, Bricks, Steel
 - c Lime, Stone, sand, Steel
 - d Steel, Cement, Brick pieces, Aggregate

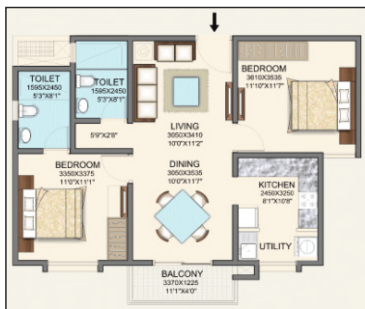
10. Use of river sand may result in

1. The type of stone masonry in which stones of same height are laid in layers, is called
 - a Random rubble masonry
 - b Coursed rubble masonry
 - c Uncoursed rubble masonry
 - d English masonry
2. The window which projects outside from the face of a wall to ensure entry of more light and air in the building
 - a Bay window
 - b Casement window
 - c Lantern window
 - d Dormer window
3. Weep holes are provided in retaining and breast walls to
 - a Drain off the water which seeps into the filling
 - b Circulate the air inside the filled earth
 - c Do aesthetic treatment
 - d Allow rain water to percolate into the filling
4. Which one of the following metal is generally used in the exterior cladding of high rise buildings?
 - a Cast iron
 - b Platinum
 - c Aluminium
 - d Zinc
5. Which type of roof will keep the room cooler?
 - a Asbestos sheet roofing
 - b Concrete slab with cement plaster
 - c Concrete slab with mud and brick tiles
 - d Concrete slab with mud, brick tiles and covered with potted plants
6. _____ is the part of building constructed above the plinth level
 - a Superstructure
 - b Substructure
 - c Foundation
 - d Basement
7. Which is best used as a sound absorbing material in partition walls?
 - a Glass-Wool
 - b Glass pieces
 - c Stone chips
 - d Steel
8. In present times this is the most commonly used material for construction of almost all types of buildings
 - a Rubber
 - b Bamboo
 - c Timber
 - d RCC
9. _____ wall is constructed to support load other than its own
 - a Load supporting
 - b Load distributing
 - c Load bearing
 - d Load releasing
10. Identify the building part which is not necessarily needed in a load bearing type

1. One Meter equals to
 - a 42.07 cm
 - b 100.00 cm
 - c 39.28 cm
 - d 1000.00 cm
2. One foot equals to
 - a 30.48 cm
 - b 33.42 cm
 - c 39.67 cm
 - d 45.42 cm
3. One meter equals to
 - a 3.00 feet
 - b 3.74 feet
 - c 2.98 feet
 - d 3.28 feet
4. One Kilometre equals to
 - a 10000 feet
 - b 1000 meters
 - c 10000 meters
 - d 100000 meters
5. The most appropriate measurement unit to calculate distance between Chennai and Mumbai would be
 - a Meters
 - b Milimeters
 - c Kilometers
 - d Centimeters
6. If you are asked to measure the length and width of a square house, it would be in
 - a Feet
 - b Square feet
 - c Cubic Feet
 - d Square meters
7. The most convenient unit to measure the area of a city would be
 - a Square feet
 - b Miles
 - c Square kilometres
 - d Kilometres
8. The size (Floor area) of a building is usually measured in
 - a Square Meters
 - b Miles
 - c Square Kilometres
 - d Square inches
9. A rectangular piece of land admeasuring 300 meter x 200 meter is drawn on a sheet at a scale of 1:2000. The dimensions of the land on the sheet will be
 - a 15 cm x 10 cm
 - b 60 cm x 40 cm
 - c 150 cm x 100 cm
 - d 1.50 meter x 1.00 meter
10. If a rectangle is having dimensions 24 cm x 12 cm and the scale on which it is drawn is 1:200, what are the actual dimensions of that block
 - a 1200 cm x 600 cm
 - b 4800 cm x 2400 cm
 - c 480 meter x 240 meter
 - d 12 meter x 6 meter
11. Which scale would you prefer to draw the plan of a house

1. The material used for ceiling in the image given below at Mumbai airport is



- a Precast concrete panels
b Glass Fibre Reinforced Gypsum (GFRG)
c Zinc coated steel
d Medium density fibre board
2. The image shown below represents
- 
- a Elevation
b Plan
c Section
d Location plan
3. Which of the following statements is incorrect
- a Plastics are chemical resistant
b Plastics are durable
c Plastics are ductile
d Plastics are excellent electric insulators
4. Galvanising is covering iron with a thin coat of
- a Iron oxide
b Zinc
c Nickel
d Bitumen
5. Seasoning of timber is essential to remove _____ from it
- a Knots
b Moisture
c Deformation
d Hardness
6. PVC stands for
- a Polyester vinyl chemical
b Poly Vinyl Chloride
c Polythene vinyl composition
d Polythene vanadium carbide
7. Bitumen paints are applied for having _____ surface
- a Attractive
b Hard
c Smooth
d Protective
8. The curing of concrete can be done by
- a Spraying water
b Steam
c Adding chemicals
d All of the above
9. In 1:6 cement mortar, 6 is
- a Sand
b Cement
c Lime
d Aggregate
10. Concrete is a mix of

1. Identify the principle of design which is most appropriately represented in the image below



- a Emphasis
- b Perspective
- c Symmetrical balance
- d All of the above

2. Identify the principle of design which is most appropriately represented in the image below



- a Emphasis
- b Movement
- c Texture
- d Space

3. Identify the principle of design which is most appropriately represented in the image below



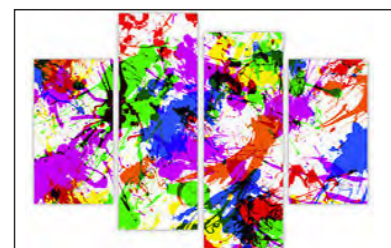
- a Balance
- b Contrast
- c Variety
- d Perspective

4. Identify the principle of design which is most appropriately represented in the image below



- a Texture
- b Variety
- c Movement
- d Both (a) and (c)

5. The image below is an acrylic painting. It is a representation of _____ colour model.



- a Analogous
- b Subtractive
- c Primary
- d Triadic

6. Identify the colour scheme in the image below



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