

MODEL QUESTION PAPER

Master of Architecture – Skill Assessment

(Branch-Specific | For Reference)

This Model Question Paper is provided to help candidates understand the assessment structure, format, and branches covered under the HRVIEW Master of Architecture Skill Assessment.

It is intended only for reference and does not represent the actual examination paper.

Assessment Snapshot

- **Assessment Type: Model Question Paper**
 - **Assessment Mode: Online**
 - **Question Format: Objective Type (MCQs)**
 - **Total Number of Questions: 20**
 - **Pass Criteria: 75%**
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1. Architecture primarily deals with:

- A. Artistic painting
- B. Building design and planning
- C. Interior decoration only
- D. Civil construction only

 **Answer: B**

2. Which architectural principle relates to stability and balance?

- A. Proportion
- B. Symmetry
- C. Scale
- D. Rhythm

 **Answer: B**

3. Sustainable architecture mainly focuses on:

Note for Candidates

This is a model reference document intended for general understanding only

- A. Aesthetic appeal
- B. High-rise construction
- C. Environmental responsibility
- D. Luxury interiors

 **Answer: C**

4. Which building orientation helps reduce heat gain in tropical climates?

- A. East–West orientation
- B. North–South orientation
- C. Circular orientation
- D. Random orientation

 **Answer: B**

5. Which software is widely used for architectural drafting?

- A. MATLAB
- B. AutoCAD
- C. SPSS
- D. MS Excel

 **Answer: B**

6. Floor Area Ratio (FAR) is defined as:

- A. Total plot area / total built-up area
- B. Total built-up area / plot area
- C. Carpet area / built-up area
- D. Plinth area / carpet area

 **Answer: B**

7. Which material has the highest compressive strength?

- A. Timber
- B. Brick
- C. Concrete
- D. Steel

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 **Answer: D**

8. The Golden Ratio is approximately equal to:

- A. 1.25
- B. 1.5
- C. 1.618
- D. 2.0

 **Answer: C**

9. Which planning concept emphasizes self-sufficient neighborhoods?

- A. Garden City
- B. Linear City
- C. Satellite Town
- D. Radial City

 **Answer: A**

10. Barrier-free design is meant for:

- A. Children only
- B. Elderly and differently-abled persons
- C. Architects
- D. Office staff

 **Answer: B**

11. Which factor is most important in acoustical design?

- A. Color
- B. Shape
- C. Sound absorption
- D. Lighting

 **Answer: C**

12. Which type of foundation is used for weak soil?

- A. Isolated footing
- B. Strip footing
- C. Raft foundation
- D. Stepped footing

 **Answer: C**

13. Which climate control strategy uses natural airflow?

- A. Mechanical ventilation
- B. Passive ventilation
- C. Air conditioning
- D. Refrigeration

 **Answer: B**

14. Which drawing shows vertical section of a building?

- A. Plan
- B. Elevation
- C. Section
- D. Perspective

 **Answer: C**

15. The minimum ceiling height for habitable rooms (as per Indian standards) is approximately:

- A. 2.0 m
- B. 2.4 m
- C. 3.0 m
- D. 3.6 m

 **Answer: B**

16. Which type of lighting is used for highlighting architectural features?

- A. Ambient lighting
- B. Task lighting
- C. Accent lighting
- D. General lighting

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 **Answer: C**

17. Which roofing system is suitable for large spans?

- A. Flat slab
- B. Shell roof
- C. Lean-to roof
- D. Pitched roof

 **Answer: B**

18. Which term describes harmony of building parts?

- A. Texture
- B. Form
- C. Proportion
- D. Color

 **Answer: C**

19. Which type of glass improves energy efficiency?

- A. Clear glass
- B. Frosted glass
- C. Low-E glass
- D. Tinted glass

 **Answer: C**

20. Urban design primarily focuses on:

- A. Single buildings
- B. Interior spaces
- C. Public spaces and city form
- D. Structural design

 **Answer: C**
