

BACHELOR OF ARCHITECTURE EXAM 2018 (old)
Fifth Year First Semester
PROFESSIONAL PRACTICE

Full Marks : 100

Time : 3 hours

Answer for 100 marks. Question No 1(i-xxv)is compulsory. Questions Q.1 – Q.25 carry 1mark each.

1.

- i. Author of 'De Architectura' was
 - a) *Marcus Vitruvius Pollio*
 - b) Poggio Bracciolini
 - c) Giorgio Vasari
 - d) None of the above
- ii. ARB is the Architects Registration body in
 - a) France
 - b) US
 - c) Australia
 - d) UK
- iii. Who is the author of Nicomachean ethics ?
 - a) Plato
 - b) Aristotle
 - c) Socrates
 - d) Galileo
- iv. The credit for getting the Architects' Act passed by the Lok Sabha goes to
 - a) A.P.Kanvinde
 - b) D.S.Bajpei
 - c) Shri Pilloo Mody
 - d) Le Corbusier
- v. NIASA is an acronym for
 - a) National Institution of Architectural Studies Administration
 - b) National Institution of Architectural Studies Agency
 - c) National Institute for Advanced Studies in Architecture
 - d) National Institution for Advanced Studies in Architecture
- vi. Architects Act is a part of which article of Constitution of India
 - a) Article 245
 - b) Article 242
 - c) Article 243
 - d) Article 246

- vii. Council of Architecture is the statutory body entrusted with the task of registering Architects in India in the year
- 1971
 - 1972
 - 1973
 - 1970
- viii. Once registered with Council of Architect , an Architect must renew his registration every year before
- 31st December
 - 31st March
 - 30th June
 - 31st January
- ix. The Indian Institute of Architects (IIA) is the national body of Architects in India was established in the year
- 1860
 - 1917
 - 1970
 - 1960
- x. The agreement between the client and the architect can be terminated by either party by giving a notice of -
- 07 days
 - 15 days
 - 20 days
 - 30 days
- xi. IIA has Classes of membership
- 4
 - 5
 - 6
 - 7
- xii. _____ of the Professional fee is paid when construction is completed.
- 65%
 - 85%
 - 90%
 - 100%
- xiii. Does a registered and licensed architect mean one and the same?
- No, the two are distinctly different
 - Maybe, depending on the services offered by the architect
 - Yes, an architect must be both licensed and registered
 - None of the above
- xiv. The amount which each contractor needs to pay in the form a Banker's cheque or Demand Draft along with his tender is
- Earnest Money Deposit
 - Security Deposit
 - Equity Money Deposit

- tering
- d) None of the above
- xv. Identify the odd one among the following :
- a) Security Deposit
 - b) Professional Tax
 - c) Performance Bank Gurantee
 - d) Earnest Money
- xvi. Choose the word from the options given below that is most nearly opposite in meaning to the given word : **Amalgamate**
- a) Merge
 - b) Split
 - c) Collect
 - d) Separate
- xvii. As per National Building Code 2005, the minimum size of a habitable room in m² is
- a) 9.5
 - b) 10.5
 - c) 11.5
 - d) 12.5
- xviii. Gantt Chart **DOES NOT** provide information about
- a) List of Jobs
 - b) Duration of Jobs
 - c) Interdependency of Jobs
 - d) Progress of Work
- xix. The essential difference between CPM and PERT is
- a) Critical Path vs Critical Activity
 - b) Arrow notation vs precision notation
 - c) Deterministic approach vs probabilistic approach
 - d) Project management vs Network analysis
- xx. Which of the following statements regarding PERT is NOT true?
- a) Each activity of PERT network has three different time estimates
 - b) Expected activity time is estimated based on β -distribution
 - c) PERT is a deterministic model
 - d) PERT network may have more than one critical path
- xxi. Which of the civic services is not the responsibility of a municipality ?
- a) Water supply
 - b) Drainage and Sewerage
 - c) Solid Waste
 - d) Electricity
- xxii. As per KMC Building Rules, a hotel building belongs to which classification of building based on occupancy?
- a) Assembly
 - b) Residential
 - c) Business
 - d) None of the above
- xxiii. As per building bye-laws , the height of a building is
- a) The vertical distance measured from the adjoining road to the highest point
- tration
- dia
- y either
- or

- of the building
- b) The vertical distance measured from the average level of the centre line of the adjoining road to the highest point of the building
 - c) The vertical distance measured from the lowest level of the adjoining road to the highest point of the building
 - d) None of the above.
- xxiv. 'Fire and Life Safety' is under which section of National Building Code ?
- a) Part 3
 - b) Part 4
 - c) Part 5
 - d) Part 6
- xxv. In a residential category building, the travel distance to an exit on the floor shall not exceed
- a) 25.0 m
 - b) 22.5 m
 - c) 30.0 m
 - d) 45.0 m
2. Write short notes on : 2.5 x 4
- a) NIASA
 - b) West Bengal Thika Tenancy Act 2001
 - c) West Bengal Land Reforms Act
 - d) Mixed -use Building
3. Discuss the role of an Architect as per the Architect's Act 1972. 10
4. Discuss at least 10 areas of knowledge an Architect must possess. 10
5. What was the background of the formation of the Architect's Act ? What are the main features of the Act ? 15
6. Mention at least 10 Professional Conduct Regulations for the guidance of the Architects which are framed under section 45 of Architect's Act 1972 20
7. Mention the payment schedule based on the Architectural services to be rendered by an Architect for a particular job. 20
8. Mention the duties of Project Manager and the stages of Project Management. 20