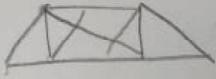


- 1) Largest single religious building in the world
Angkor Wat, Vatican City, Brihadishwara Temple, Konark Sun Temple
- 2) ~~Def~~ No. of surface area in a pic
12, 13, 11, 14
- 3) An. B. V. Doshi was awarded the Pritzker Architecture Prize in the field of Architecture, in the year -
2015, 2017, 2018, 2016
- 4) Choosing a 3D drawing that best fits the side view:
- 5) Which ^{unit} ~~of~~ does ~~not~~ NOT belong to the same category?
Yard, Feet, Ounce, Inch
- 6) Finding the no. of Δ s in a given pic 
10, 8, 12, 14
- 7) Identifying the correct TOP view for the given 3D object.
- 8) If SE becomes N, NE becomes W & so on. What will W become?
NW, SW, SE, NE

9) If a tank of shape on the left contains 30 units of liquid, how much units would the right approx contain:

$\sqrt{\quad}$ \sqrt{NI}

540, 20, 60, 180

10) What time of the day is represented by the location of the sun in the diagram

9 AM, 12 PM, 6 AM, 6 PM

11) Identifying famous buildings \rightarrow 3 questions

12) Water image of NUCLEAR

1) $\text{VAECCU\textbackslash}$ 2) $\text{NUCTEVA\textbackslash}$ 3) NUCTEVB 4) NUCTEVB

14) Vertical load bearing component of a building -
Lintel, Column, Sill, Beam

16) No. of edges in a Tetrahedron -
3, 4, 8, 6

17) ~~Reflect~~ shown below are reflected images of a wall clock. Which one shows 2:16 correctly



- In case you finish your test before allotted time, you may review the answers in the remaining time.
- You are not allowed to move out of the examination hall till the completion of the allotted time.
- Once you complete the on-line test, you should be able to see the screen indicating completion of test with a thank you note. Raise your hand and handover the used paper sheet to the proctor.

18) Identify the front view of a 3D fig.

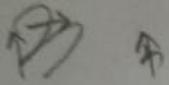
19) Sam ranked 9th from the top & 38th from the bottom in a class. How many students are there?
45, 47, 46, 48

20) 'A' starts his walk in north & turns left, similarly 'B' starts his walk from the same point in east direction & turns right, goes straight & then turns left. A & B faces are -

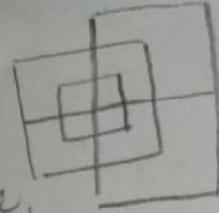
- In same direction
- In opp. direction
- Perpendicular to each other
- None

- 21) A regular hexagonal pyramid is sliced by a plane such that it passes through the centre of its axis. How many additional edges will be created? 12, 24, 9, 11
- 22) Largest brackish lake in Asia → Mansarovar, Chilka Lake, Loktak Lake, Dal Lake
- 23) Which film was ~~created~~ by directed by Satyajit Ray? Bhumika, Satranjkekkhidi, Nishant, Ardhya satya
- 24) One morning, after sunrise, Suresh was standing facing a pole. The shadow of the pole fell exactly to his right. In which direction was he facing? South, West, East is insufficient, East
- 25) Type of roof suitable for ~~too heavy~~ regions where rainfall is heaviest → Pitched & Sloped, Vault, Dome, Flat.
- 26) Which of the foll. does not form a part of Reinforced cement concrete? Lime, Steel, Cement, Sand
- 27) Granite is a — rock. → Sedimentary, Calcareous, metamorphic, igneous.
- 28) Who designed the Assembly Hall & High Court buildings in Chandigarh? → Ar. Raj Khandelwal, Ar. Le Corbusier, Ar. Charles Correa, Ar. Achyut Kanvinde
- 29) Area of lateral surfaces of a pentagonal pyramid

- 28) Who designed the Assembly Hall & High Court buildings?
 Jain? → Ar. Raj Rewal, Ar. Le Corbusier, Ar. Charles Correa,
 Ar. Achyut Kanvinde
- 29) The development of lateral surfaces of a pentagonal pyramid
 is —
 5 \square s, 5 \square s, 5 Δ s, 5 Os.
- 30) Total no. of circles in a fig.
- 31) In a certain code language COMPUTER is written as RFUVQNPC.
 How will MEDICINE be written?
 → EOJDJEFM, MFEJDJOE, EOJDJEFM, MFEDJJOE
- 32) No. of faces & edges in an Octahedron
 → 8 F, 12 E; 8 F, 12 E; 6 F, 12 E; 12 F, 8 E
- 33) On which river does Guwahati stand? Godavari, Gomti,
 Brahmaputra, Beas
- 34) 3D image given, asked to identify 2D side view.
- 35) Pink City → Jaipur, Jodhpur, Udaipur, Delhi
- 36) Identify a Truncated cone.



37) min. no. of straight lines in the fig
17, 15, 19, 13



38) Vernacular refers to → Modern architecture, Contemporary architecture, Traditional architecture, Digital arch.

39) 3D image given, asked to identify 2D top view.

40) allora temples in Maharashtra are executed
→ Left to Right, Top to Bottom, Bottom to Top, ~~None~~ None of the above

MATH

1) sum of the values of x satisfying
 $\tan\left(\frac{\pi}{4} + x\right) + \tan\left(\frac{\pi}{4} - x\right) = 2$ in the interval $[0, 2\pi]$