

Disclaimer

This question bank is only for guidance of candidates to understand and the nature and type of questions that are generally asked. It does not mean that questions will be asked from this question bank only. The examiner may or may not ask questions from this question bank, either partially or wholly. Candidates should prepare the relevant subjects thoroughly and should be prepared to answer any question on the concerned subjects.

अस्वीकरण

यह प्रश्न बैंक केवल उम्मीदवारों के मार्गदर्शन एवं प्रकृति समझाने प्रश्नों के प्रकार के लिए है जो आमतौर पर पूछे जाते हैं। इसका मतलब यह नहीं है कि इस प्रश्न बैंक से ही प्रश्न पूछे जाएंगे। परीक्षक इस प्रश्न बैंक से आंशिक रूप से या पूर्ण रूप से प्रश्न पूछ सकता है या नहीं भी पूछ सकता है। उम्मीदवारों को संबंधित विषयों को पूरी तरह से तैयार करना चाहिए और संबंधित विषयों पर किसी भी प्रश्न का उत्तर देने के लिए तैयार रहना चाहिए।

True & False Question

1. Portal bracing of a through girder is deeper than sway bracing. **True / False**
2. Numerical ledger shows the name of staff in numerical order. **True / False**
3. Hemispherical Tanks having inner ties. **True / False**
4. Water tanks are to be painted inside once in 5 years. **True / False**
5. In case of Tremie concreting for 20 mm size of aggregate the tremie pipe should not be less than 200 mm. **True / False**
6. The dry film thickness of paint shall be measured by anemometer. **True / False**
7. The ord. MS Rivet testing hammer can be used for testing metalized girders. **True / False**
8. The distance between center to center of bearing is effective span of a girder bridge. **True / False**
9. Guard rail should be provided on all major and minor girder bridges. **True / False**
10. A bridge foundation having less than 1.2 m depth below bed level is termed as shallow foundation. **True / False**
11. When cracks are active but cause of cracking has been determined and remedial action has been taken cement pressure grouting is used. **True / False**
12. IRBM consists of 14 chapters. **True / False.**
13. In our country, September 5 celebrated as Teachers day, is associated with ACHARYA Dronacharya. **True / False**
14. UIC stands for Union of Indian Continents. **True / False**
15. In india, well foundations are generally used for bridges on alluvial rivers. **True / False**
16. Darjeeling Hill Railway is a world heritage site. **True / False**
17. By increasing water cement ratio the compressive strength of concrete increases. **True / False**
18. IST is local time of New Delhi. **True / False**
19. Effective length of a fixed-end column is one fourth of corresponding planned end. **True / False**
20. In the contour map of a pond, the contours of higher elevation will be on the outside. **True / False**
21. The plan meter is an instrument used to measure angles in a plane area **True / False.**
22. In a friction pile, the load is transferred to the tip of the pile. **True / False**
23. Bokaro steel plant is a private sector plant. **True / False**

25. Match the pairs correctly:-

- | | | |
|----------------------|----|----------------|
| A) Manning's formula | 1. | Concrete |
| B) C.S.M. | 2. | Level Crossing |
| C) Danger Level | 3. | Tamping |
| D) Workability Test | 4. | Bridge |
| E) Check Rail | 5. | Discharge |

25. Write True or False for each statement:- 10x1=10

- a) Extra shoulder ballast of 150mm should be provided on the inside of the turn-in-curve. **True / False**
- b) Compensation for curvature provided for ruling gradient depends on cant deficiency of the curve. **True / False**
- c) 12 nos. of detonators are to be provided on a manned level crossing. **True / False**
- d) For a level crossing on a curve, the gate lodge should be on the outside of the curve. **True / False**
- e) Minimum residual chlorine available at the farthest end of a water supply system shall be 0.2gm/liter. **True / False**
- g) Proposal of long term leasing of railway land for public purposes to Government Deptt. can be approved at Divisional level. **True / False**
- h) Open web girder bridges are generally Major bridges. **True / False**