GP ADDA FREE SAMPLE

BOB SO - Technical Officer - Civil Engineer 2026

Sample Questions: **10** | Sections: **10**

Section overview

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Directions

Q.1 | 1 question

Q.1 A man faces North. He turns 90° clockwise, then 180° anticlockwise and finally 135° clockwise. In which direction is he facing now?

(A) North-West **(B)** South-East **(C)** North-East **(D)** South-West

Number Series

Q.2 | 1 question

Q.2 What should come in place of the question mark? 3, 8, 19, 42, 89, ?

(A) 178 **(B)** 190 **(C)** 184 **(D)** 181

Building Materials and Construction

Q.3 | 1 question

Q.3 Which cement is preferred for mass concrete works such as dams because of its low heat of hydration?

(A) Rapid hardening cement

(B) Ordinary Portland cement of 53 grade

(C) Low heat Portland cement

(D) High alumina cement

Structural Analysis and Design

Q.4 | 1 question

Q.4 The maximum deflection of a simply supported beam of span L and flexural rigidity EI under a central point load W is:

(A) $\frac{WL^3}{3EI}$ **(B)** $\frac{WL^3}{8EI}$ **(C)** $\frac{5WL^3}{384EI}$ **(D)** $\frac{WL^3}{48EI}$

Geotechnical Engineering

Q.5 | 1 question

Q.5 In the Indian Standard soil classification, the symbol CH denotes:

(A) silt of high compressibility

(B) clay of low plasticity

(C) clay of high plasticity

(D) organic clay of medium plasticity

Surveying

Q.6 | 1 question

Q.6 A right angle can be set out on site with a tape using a triangle with sides in the ratio:

(A) 2 : 3 : 4 **(B)** 3 : 5 : 7 **(C)** 3 : 4 : 5 **(D)** 5 : 6 : 7

Transportation and Highway Engineering

Q.7 | 1 question

Q.7 On a highway, the minimum radius of a horizontal curve for design speed 80 km/h, superelevation 0.07 and side friction 0.15 is nearly: (use $R = V^2/127(e+f)$)

(A) 336 m **(B)** 229 m **(C)** 720 m **(D)** 458 m

Environmental and Public Health Engineering

Q.8 | 1 question

Q.8 Manholes are provided in a sewer system mainly to:

(A) allow inspection and cleaning of sewers

(B) increase the flow velocity in sewers

(C) treat the sewage biologically in pipes

(D) store storm water during heavy rain

Estimation, Costing and Valuation

Q.9 | 1 question

Q.9 In a two-envelope tender system, the financial bid is opened:

(A) before the technical bids

(B) for all bidders irrespective of eligibility

(C) only for the lowest technical scorer

(D) only for technically qualified bidders

Project and Facility Management

Q.10 | 1 question

Q.10 Safety nets provided along the edges of a building under construction mainly protect against:

(A) noise pollution from the site

(B) fall of workers and materials

(C) water seepage into basements

(D) electric shock from live wires

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