

Sample Questions – Specified Skills Evaluation Exam (i) for Construction Industry
(Civil Engineering Practical Skills)

Question 1

What is the name of the hydraulic excavator that has a bucket attached to the end of its arm?

1. Power shovel
2. Bulldozer
3. Compactor
4. Road roller

Answer:
11

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Question 2

What is the name of the reinforced concrete box used to construct breakwaters and quay walls?

1. Wave-dissipating blocks
2. Caisson
3. Anchor
4. Grab bucket

Answer:
22

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Question 3

What is the name of the type of scaffolding where basic members, such as jacks, cross braces, and steel scaffold planks with hooks, are assembled around portal frames?

1. Wedge binding scaffolding
2. Single tube scaffolding
3. Framework scaffolding
4. Scaffolding board

Answer:
33

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Question 4

Which of the following is a spear head spade, a tool used for digging in the ground by placing the foot on the top of the head?

- 1.
- 2.
- 3.
- 4.



Answer: 1

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Question 5

Which of the following is the name of the machine in the photo?

1. Hand mixer
2. Sieve
3. Convex
4. Concrete mixer



Answer: 4

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Question 6

Which of the following is constructed at the starting point of the tunnel in tunnel driving work to serve as the tunneling base and a connection to the ground level?

1. Mine shaft
2. Jacking pit
3. Vertical shaft
4. Horizontal shaft

Answer: 3

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Question 7

What is well point construction?

1. Work to lower the groundwater level
2. Work to clean river water
3. Work to clean the soil
4. Work to remove earth and sand

Answer: 1

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Question 8

What is the name of the process in well drilling that involves flowing current through the hole to determine if it is suitable as a water intake layer?

1. Electrical logging
2. Electrical resistance
3. Telecommunications
4. Electrical leakage inspection

Answer: 1

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Question 9

What is the term for the section beneath the pavement in the structure of a paved road?

1. Asphalt surface layer
2. Asphalt base layer
3. Aggregate base layer
4. Subgrade layer

Answer: 4

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Question 10

Choose the correct word to fill in the ().

The most common types of accidents in civil engineering work are “falling or tumbling,” “(),” and “being caught-In/between/entanglement.”

1. Flying/Falling
2. Crashing
3. Crumbling/Collapsing

Answer: 3

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Question 11

Choose the correct word to fill in the ().

Which of the following industrial accidents are caused by falling from heights, falling into atriums during construction, or falling into holes during excavation?

1. Falling/Tumbling
2. Slipping/tripping/falling/tipping over
3. Crashing

Answer: 1

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Question 12

Choose the correct word to fill in the ().

Since falls are often caused by losing balance or slipping, it is important to wear () securely at heights.

1. Work gloves
2. Full harness type fall arrest equipment

Answer: 2

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Question 13

Choose the correct word to fill in the ().

Nearly half of all construction site fatalities occur () of newly entering a site.

1. within 1 day
2. within one week
3. within one month

Answer: 2

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Question 14

Choose the correct word to fill in the ().

As a measure against heatstroke, where should you take a break during the designated rest time?

1. A place exposed to sunlight
2. A hot place
3. A cool place

Answer: 3