

Sample Questions – Specified Skills Evaluation Exam (ii) for Construction Industry (Written Test)

Question 1

Which of the following describes a specialty contractor in the work assignment system of construction in Japan?

1. The construction work is ordered to a construction contractor.
2. Design documents are created to meet the requirements of the client.
3. Supervises the entire large-scale construction site and takes command.
4. A specialist for each construction project, with multiple workers performing the work under the direction of a foreman.

Answer: 4

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Question 2

There is a system of skill certification, in which the level of skills, such as first-class, second-class, and third-class, is tested and certified by the government. What title can a person who passes the skill certification exam use?

1. Skilled worker
2. Professional engineer
3. Lawyer
4. Judicial scrivener

Answer: 1

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Question 3

Which of the following is not appropriate as an activity to ensure the safety and health of workers in the workplace or create a comfortable work environment?

1. Risk assessment
2. Power harassment
3. KY Activities
4. Stress check

Answer: 2

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Question 4

What is the title of the engineer whose placement is mandatory under the Construction Business Act to ensure proper execution of work?

1. Managing engineer/Chief engineer
2. On-site representative
3. Safety and Health Supervisor
4. Foreman

Answer: 1

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Question 5

Which of the following is subject to registration under the Aviation Act?

1. Transceiver
2. Communication via optical fiber
3. Unmanned aerial vehicles (drones)
4. Underground parking facility equipment

Answer: 3

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Question 6

In marine civil engineering work, what is the term for a person who can work underwater?

1. Gas welder
2. Blasting operator
3. Pressure regulating technician
4. Diver

Answer: 4

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Question 7

In pile construction, what is the method called where piles fabricated in a factory are brought in and installed?

1. Boring
2. Test excavation
3. Precast piles
4. Cast-in-place concrete piles

Answer: 3

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Question 8

What is the term for the construction work in which energy-absorbing mechanisms such as dampers are installed in buildings to control vibration?

1. Vibration-control work
2. Seismic-resistant work
3. Seismic-isolation work
4. Reinforcement work

Answer: 1

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Question 9

Choose the correct word to fill in the ().

In electrical communication construction, a network is primarily built to transmit and use information, such as telephone and ().

1. Substation equipment
2. Power outlet
3. Battery charger
4. Internet

Answer: 4

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Question 10

Choose the construction work that involves the installation of equipment that adjusts temperature and humidity and cleans the air for comfort.

1. Water Supply, Drainage, and Sanitation Facilities Installation Work
2. Refrigeration and Air Conditioning Installation Work
3. Heat/Cold Insulation Work
4. Fire Fighting Equipment Installation Work

Answer: 2

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Question 11

What is the process called in which the structure and the extra space created around it are filled with soil after excavation of the ground and the completion of underground or foundation work?

1. Backfilling work
2. Bulldozing Work
3. Embankment work
4. Excavation work

Answer: 1

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Question 12

What type of construction work is referred to as dredging work?

1. Construction work to collect soil and create new land in the sea.
2. Construction work to remove sediment from the bottom of seas, rivers, etc.
3. Construction work to create facilities where ships can stop to load and unload cargo at a port.
4. Construction work to create facilities that prevent waves from entering the port.

Answer: 2

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Question 13

What is the method called where the part connecting the rebar is heated and pressure is applied in the axial direction to join the rebars?

1. Gas pressure welded splice
2. Welded splice
3. Mechanical splice
4. Rebar lapping

Answer: 1

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Question 14

Choose the option that is not an electrical installation work.

1. Installation of distribution boards
2. Grounding work to prevent electric shock and electrical leakage
3. Fiber-optic cable connection work
4. Power supply construction for heating and cooling equipment

Answer: 3

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Question 15

What is the term for the installation of pumps, water receiving tanks, and piping work to supply water from the water main through distribution pipes to toilets, kitchens, etc.?

1. Installation of water supply facilities
2. Gas equipment work
3. Heat/Cold Insulation Work
4. Telecommunications construction

Answer: 1

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Question 16

Choose the tasks that require the completion of special education under the Industrial Safety and Health Act.

1. Assembly work of formwork and shoring
2. Metal welding work using flammable gases and oxygen
3. Breaking operations using concrete crusher
4. Slinging of cargo using a cargo hoist with a limit load of less than 1 ton

Answer: 4

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Question 17

Choose the greeting that expresses the feeling of wishing for a safe and injury-free day of work, not only for oneself but also for others.

1. “Stay safe”
2. “Good morning”
3. “Excuse me”
4. “Look out”

Answer: 1

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Question 18

Choose the process of creating a flat surface by heaping up soil on slopes, uneven land, and low-lying land.

1. Cutting
2. Embankment
3. Aggregate base layer
4. Retaining walls

Answer: 2

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Question 19

What is the process called in rebar work when rebar is arranged and assembled?

1. Compaction
2. Mixture
3. Reinforcement arrangement
4. Placement

Answer: 3

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Question 20

What is the term for preventing electric current from flowing from one part to another in the electrical circuit?

1. Burial
2. Wiring
3. Concealment
4. Insulation

Answer: 4

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Question 21

Choose the appropriate clothing and behavior for a construction site.

1. Long sleeves and long pants
2. Rolled-up sleeves
3. Walking with hands in pockets
4. Unbuttoning the jacket and leaving it open

Answer: 1

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Question 22

Which of the following is an appropriate role for a foreman?

1. Give appropriate instructions to workers while progressing with the work to achieve the goals.
2. Calculate the wages of the workers.
3. Supervise the site as the site manager at medium to large sites.
4. Create design drawings.

Answer: 1

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Question 23

Choose the most appropriate ability required for safety management at a construction site.

1. Skill to perform high-quality work
2. Cost awareness
3. Ability to recognize hazards and toxicity
4. Ability to adjust and recover from project delays

Answer: 3

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Question 24

Choose the appropriate meaning of “80% preparation, 20% work.”

1. Complete the preparation in 8 minutes
2. Preparation before starting work is important
3. No preparation for work is necessary
4. The quality of work doesn't depend on the preparation stage

Answer: 2

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Question 25

Which of the following describes “labor costs” in construction project costs?

1. Labor cost for workers performing the construction work
2. Purchase costs of items necessary for construction
3. Costs for subcontracting part of the work to other contractors
4. Purchase costs of work vehicles

Answer: 1

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Question 26

What is the method called that starts from the completion date of construction and follows the processes in reverse order to determine the number of days necessary?

1. Forward method
2. Backward calculation method
3. Reduction method
4. Avoidance method

Answer: 2

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Question 27

Choose the appropriate option for quality control.

1. Receive an explanation of the design documents from the client or designer.
2. There is no need to take construction photos of parts that will be hidden after completion.
3. Do not explain tips to workers; let them learn by watching.
4. If a defect occurs, judge based on experience rather than inspecting the actual site.

Answer: 1

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Question 28

What is the title of the person who supervises safety managers and health managers and oversees industrial safety and health management at the site?

1. Designer
2. Foreman
3. Site Supervisor
4. General Safety and Health Manager

Answer: 4

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Question 29

Choose the point that is NOT appropriate for creating a clear and easy-to-understand work procedure manual.

1. Omit simple tasks.
2. Write concisely and briefly.
3. Include expected hazards as cautionary notes.
4. Explain the reasons why the work must be done.

Answer: 1

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Question 30

Which of the following is NOT an appropriate effect of implementing risk assessment?

1. It allows for shared awareness of risks.
2. It enables prioritization of safety measures in a rational manner.
3. Workers can focus solely on their tasks without considering safety.
4. It enhances the entire workplace's sensitivity to safety.

Answer: 3

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Question 31

Choose the option that corresponds to an intrinsic measure in risk reduction measures.

1. Change harmful materials to safe materials.
2. Use protective gloves.
3. Develop work manuals.
4. Install protective fences.

Answer: 1

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Question 32

Choose the option that is not included in the 12 types of causes of human error.

1. Fatigue
2. Shortcut behavior
3. Confirmation by multiple people
4. Lack of communication

Answer: 3

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Question 33

Which of the following is not included in the contents specified in the standard specification?

1. Materials
2. Equipment
3. Construction methods
4. Labor unit cost

Answer: 4

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Question 34

Choose the appropriate role of the construction industry.

1. Restoration of damaged facilities
2. Sale of high-rise housing
3. Provision of water supply and sewage systems
4. Operation of transportation services

Answer: 1