

CPCCBC4007A

PLAN BUILDING OR CONSTRUCTION WORK

THEORY EXAM INSTRUCTIONS

- This exam will occur under standard assessment conditions.
 - An oral examination may be allowed under certain circumstances. Answers will be documented and FT003 (Oral examination declaration form) must be completed.
- Participants must provide enough detail in their responses to demonstrate their knowledge and skills.
- Please fill in the details below, providing your name, signature and date of assessment.
 - Your signature acknowledges that this is your own work.
- If a participant initially answers a question incorrectly but modifies their response, they must follow the instructions below:
 - If a participant changes their response in writing, they must put their initials next to the written change.
 - If a participant changes their response verbally, this must be noted on the exam paper by the assessor.

Participant name Massimiliano Carante

Participant signature



Assessor name

Assessor signature

Date

[Click here to enter a date.](#)

Number of questions	Number of questions answered correctly	Satisfactory?	
		Yes	No
45		☐	☐

ASSESSOR COMMENTS

Q1. Name one (1) document you might read alongside the contract to identify the following aspects:

- **Material requirements**
- **Plant requirements**
- **On-site labour requirements**
- **Any unusual aspects of construction**

Answer Specifications, Plan

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Q2. Name the Act and identify the section that outlines the maximum deposit amounts that may be accepted by a builder before services are provided. Identify the maximum deposit amounts and the penalties for breaching such requirements.

Answer

Section of Act	Requirements and penalties
In Queensland: Queensland building and construction commission Act 1991 (Qld) Section 33	The building contractor must not demand or receive a deposit under the contract of more than: Level 1: 10% of contract price Level 2: 5% of contract price Level 1 or 2 under which the value of off-site work is more than 50% of the contract price: 20% of contract price Maximum penalty: 100 penalty points

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Q3. Identify three (3) subcontractors you may engage for a job and the type of work they may undertake.

Answer

Subcontractor	Work
Electrician	Arranges electricity to be connected; places wiring for lighting and power cables; Fixes switches, installs power points, wires electrical systems.
Excavation	Prepares the site for building by removing all vegetation and excavating footings.
Plumbing	Organises water supply; installs pipes and drains; installs roof and guttering; fits taps, hot water systems and toilets; ensures that downpipes are fitted and the sewer is connected.

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Q4. Which of the following methods may be used to find subcontractors for a project? Tick all that apply.

Answer	Choice	Possible Answers	☐
	☒	Advertising	
	☒	Networking	
	☒	Online searches	
	☒	Tenders	
	☒	Word of mouth	

Q5. Explain the importance of determining subcontractor or plant availability for a job.

Answer	The lack of availability would have an impact on program and on the cost of the works	☐
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Q6. Identify two (2) methods you might use to find a supplier for materials.

Answer	To check materials availability: Phone around to find out who has good supplies Liaise with known suppliers that are resourceful and reliable	☐
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Q7. Name two (2) factors that may impact on the availability of materials.

Answer	Working in a new Area, Having to import materials from abroad	☐
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- Q8. Australian Standards must be considered when selecting materials. Identify the Australian Standard (referenced in the National Construction Code) which relates to the requirements for interior lighting.

Answer AS/NZS 1680

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- Q9. Identify two (2) types of plant that may be used for a building project and identify the type of work they may be used for.

Answer

Plant	Work
Excavator	Digging of trenches, holes, foundations
Crane	mainly used for lifting heavy things and transporting them to other places.

☐

- Q10. Identify two (2) types of equipment that may be used for a building project and identify the type of work they may be used for.

Answer

Equipment	Work
Forklifts	indoor and outdoor materials movement.
wheelbarrows	may be used to transport soil

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- Q11. Identify two (2) of the records you should keep when hiring plant and/or equipment.

Answer

Record of the invoices and receipts associated with the hire of plant to ensure you receive deposits back
Record of the inspection when the plant/equipment is delivered on site

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Q12. Name five (5) temporary services that need to be organised for a building site.

Answer

Temporary electrical pole
Water tapping
Temporary fencing
Barricades
Waste bin

☐

Q13. True or False (Tick your response): Site accommodation should be provided where construction work occurs in a remote area.

Answer

	True
	False

☐

Q14. What is required of a builder before any person is allowed on a building site? Tick all that apply.

Answer

Choice	Possible Answers
☒	To check the person has a Construction Induction Card
☐	To check the person has the approval of the local council
☐	To check the person is wearing appropriate signage
☒	To keep a record of all inductions and all personnel on the site

☐

Q15. Who issues a construction induction card? Tick your response.

Answer

Choice	Possible Answers
☐	Australian Parliament upon fee payment
☐	Each site at the conclusion of a site induction
☒	Registered Training Organisations at the conclusion of training

☐

Q16. Identify one (1) action you might take to facilitate site access for machinery.

Answer Excavation may need to be undertaken

☐

Q17. Identify the Volume and Sections of the NCC that relate to access to buildings for Classes 1 and 10, and Classes 2 to 9.

Answer

Classes 1 and 10	Classes 2 to 9
Volume 2, part 2.5	Volume 1, Section D

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Q18. You should contact your local council to be approved for out of hours construction. Identify the required documentation for an application and the timeframe for approval.

Answer In Brisbane, a construction Noise Management Plane must be submitted, as well as a copy of the letter to be provided to affected premises/residences. A minimum of 10 working days is required for Council to assess and application

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Q19. In addition to the permit from Q18. identify two (2) other permits you may need to obtain to undertake a building project.

Briefly describe the documents required for approval and who these should be submitted to for approval.

Answer

Permit	Documentation and approval body
Electricity Supply	AGL
Water Supply	Sydney Water

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Q20. True or False (Tick your response): Project commencement date is always at the date the contract is signed.

Answer

☐	True
☒	False

☐

Q21. What document should be developed when purchasing supplies or construction materials?

Answer A Purchase Order

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Q22. True or False (Tick your response): Every delivery should be physically checked against the delivery sheet.

Answer

☒	True
☐	False

☐

Q23. Who should be contacted if items are missing from a delivery?

Answer The supplier

☐

Q24. Name the Act and identify the section that outlines the requirement to implement hazard and risk management on site. Briefly describe the requirements.

Answer

Section of Act	Requirements
In Queensland: Work Health and Safety Act 2011	A duty is imposed on a person to ensure health and safety requires elimination of risks, so far as is reasonably practicable or to minimise those risks so far as reasonably practicable

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Q25. Identify one (1) regulation that an organisation's WHS policies and procedures must comply with.

Answer Work Health and Safety Regulation 2011 (Qld)

☐

Q26. What document should be followed when disposing of hazardous materials?

Answer Safety Data Sheet

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Q27. An asbestos removal control plan is required when more than ____m² of asbestos containing material is to be removed.

Answer 10

☐

Q28. True or False (Tick your response): A site assessment should be undertaken if contamination is known or likely to be present from the removal of existing services.

Answer

☒	True
☐	False

☐

Q29. True or False (Tick your response): Multiple projects can be planned using a single Gantt Chart.

Answer

☒	True
☐	False

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Q30. What are the advantages of hiring subcontractors to work across multiple nearby projects? Explain with an example.

Answer It can save a great deal of time, as the subcontractors can work on the next project while waiting for another to complete.
If sub-contractors move to another location it can be difficult to ensure their return for the next stage of the project. Ex: they can lay concrete while

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Q31. Provide one (1) example to explain why construction operations must be sequenced.

Answer

It allows for a break up of activities where trades are required on more than one occasion – such as electrical, for the initial wiring, and then later, after the internal linings and finishes have been installed, for the final fix (e.g. power points, switches, light fittings, etc).

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Q32. Which of the following should be considered as part of task sequencing? Tick all that apply.

Answer

Choice	Possible Answers
☒	Holidays
☒	Labour availability
☒	Plant availability

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Q33. Order the following construction operations from 1 to 6 to form the most efficient sequence.

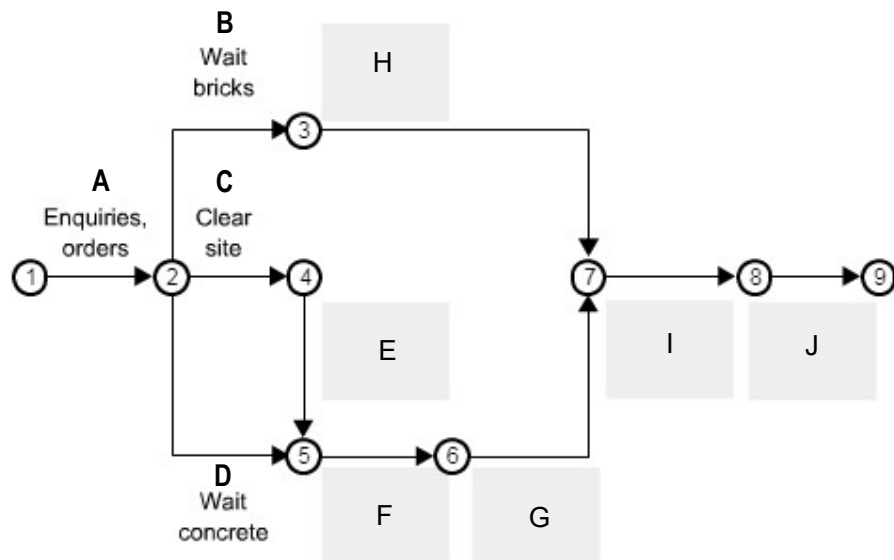
Answer

Step Number	Steps
2	Excavation of footings
4	Floor frame
3	Installing brick base
6	Roof trusses
1	Set out
5	Wall frames

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Q34. Refer to the table below to complete the chart shown. Label the blank boxes with the appropriate Task ID letters.

Task ID	Task	Preceding event	Nodes
A	Make enquiries and order all materials required	Start	1
B	Wait for bricks, sand and cement to arrive	A	2
C	Clear vegetation from the site	A	2
D	Order concrete to be delivered	A	2
E	Dig the trench	C	4
F	Pour the footings	E	5
G	Footings curing time	F	6
H	Load the bricks on the site	B	3
I	Mix the mortar and lay the bricks	H	7
J	Clean rubbish from the area	I	8
	Finish	J	9



Answer

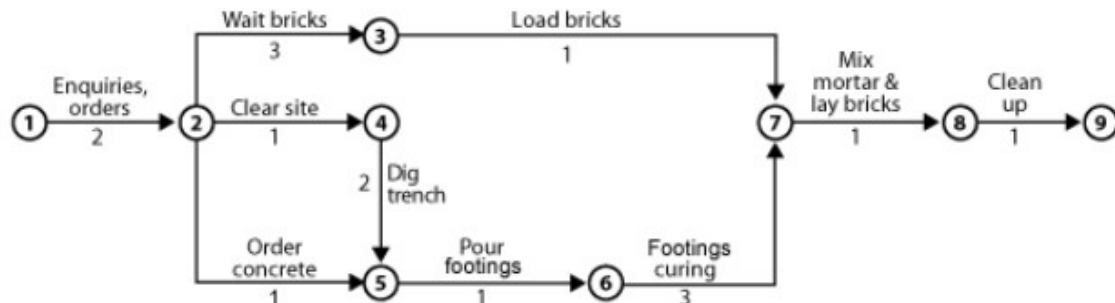


Q35. Name one (1) computer-based software package that may be used to prepare a project schedule.

Answer Microsoft Excel



Refer to the chart below to respond to Q36. to Q40. This chart shows the task sequence for building a brick fence.



Q36. What is the total time for the process if the top path is taken?
Tick your response.

Choice	Possible Answers	☐
☒	8 days	
☐	9 days	
☐	11 days	

Q37. What is the total time for the process if the path through nodes 2, 4 and 5 is taken? Tick your response.

Choice	Possible Answers	☐
☐	8 days	
☐	9 days	
☒	11 days	

Q38. What is the total time for the process if the path through nodes 2, 5 and 6 is taken? Tick your response.

Choice	Possible Answers	☐
☐	8 days	
☒	9 days	
☐	11 days	

Q39. Describe the critical path.

Answer 1 – 2 – 4 – 5 – 6 – 7 – 8 – 9

☐

Q40. True or False (Tick your response): Even if the brick delivery in the top path was late by two (2) days, it is possible that the job will still run on schedule.

Answer

☒	True
☐	False

☐

Q41. Identify three (3) factors that may impact on the critical path of a project and cause it to need revision.

Answer Poor Project Management, Delivery delays, staff delays

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Q42. Which major point(s) should you note when carrying out an inspection of neighbouring properties? Tick all that apply.

Answer

Choice	Possible Answers
☐	If the neighbours drive the right kind of car for that neighbourhood
☒	Structure and condition of any boundary fences
☒	Type and condition of all structures on the boundary
☐	Whether the houses are of Victorian heritage

☐

Q43. Why should you take photographs of site boundaries with neighbouring properties?

Answer To support your report, this will ensure that information is as accurate as possible in the event of a dispute with a neighbour

☐

Q44. When should a condition report be given to owners of adjacent buildings? Tick your response.

Answer

Choice	Possible Answers
☒	Before construction commences
☐	During construction
☐	After construction completes

☐

Q45. When might a neighbouring property owner be required to refer to a condition report?

Answer

In the event of damage occurring to their property as a result of the construction process
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