

CPCCBC4007A PLAN BUILDING OR CONSTRUCTION WORK ASSESSMENT SUMMARY

The assessment activities for *CPCCBC4007A Plan building or construction work* cover all aspects of the unit of competency required. To demonstrate competence in this unit, a participant must undertake all tasks and complete them satisfactorily and consistently. For Apprentices and Trainees, this includes employer completion of the Employer Record Book (ERB).

Participants must read all the information given before starting any assessment task. The assessment tasks are intended to be equitable, fair and flexible. If a participant has any questions or requires alternative arrangements to be made such requests should be directed to their Trainer/Assessor, who should note such arrangements in the 'Assessor Comments' on the affected assessment. If a participant feels they are not yet ready to be assessed, they should discuss their options with their Trainer/Assessor.

To satisfactorily complete the assessment, the participant is required to answer all questions correctly and demonstrate their skills to industry standards. If a participant does not answer some questions or perform some tasks, they will be deemed 'Not Satisfactory' for the task and 'Not Yet Competent' for the unit of competency. The Trainer/Assessor is able to provide the participant with additional information on interpreting the assessment outcomes and provide guidance on the participant's options. Should a participant still be deemed 'Not Satisfactory' they will have the opportunity to undertake a supplementary assessment or appeal the result.

By signing the cover page for each assessment item, the participant acknowledges they understand the assessment instructions and requirements and consent to being assessed. The participant also verifies and assures the RTO that the work submitted is their own work.

Participant Name	Lorna Merrick
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Task	Assessment Results	
Theory Exam	☐ Satisfactory	☐ Not Yet Satisfactory
Practical Assessment	☐ Satisfactory	☐ Not Yet Satisfactory
Outcome for Unit of Competency	☐ Competent	☐ Not Yet Competent

Assessor Name	
Assessor Signature	
Unit Competence Determination Date	Click here to enter a date.

CPCBC4007A

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, whereby the Participant's answers will be documented by a party other than the Participant. This must be acknowledged in writing (e.g. FT001 and Assessor Comments)
- 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.
- Assessors are to complete marking in pen of a different colour to the Participant.
- 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

Participant signature

Date

Click here to enter a date.

1/9/2021

Assessor name

Assessor signature

Date

Click here to enter a date.

Number of questions	Number of questions answered correctly	Task outcome (Tick)	
		Satisfactory	Not Yet Satisfactory
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

Project Plans. ☐

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
Qld building & construction Commission Act 1991	

☐

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

Answer

Subcontractor	Work
Plumbing	organises water supply, installs pipes & drains, gelling taps, toilets etc.
Gas fitting	Places gas pipes to appliances
concreting	installs formwork & boxing. Pours concrete.

☐

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

This is important as could hold up the start of a job or even if not available when required.

☐

Q6. Identify two (2) methods you might use to find a supplier for materials.

Answer

= Phone around.
= Speak with suppliers already know.

☐

Q7. Name two (2) factors that may impact on the availability of materials.

Answer

① availability.
② Distance - Instate or overseas.

☐

- 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 1680.24.1997. ☐

- 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
Digger	Grond exavations.
Scissor lift	access to higher areas & ceilings

- 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
Wheel barrows	moving, soil, cement etc around site.
Bins	to place site rubbish into.

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

Answer Invoices & receipts. ☐

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

Answer

① - water
② - Electricity
③ - fencing
④ - waste bins
⑤ - Barricades.

☐

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

Check to see if excavation works need to be undertaken for access:



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 Section 3. Division	Volume 1 Section A



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

request for assessment of compliance with conditions - CC11018 form
10 days for approval.



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
lane or road closure	Traffic management Plan for temporary lane/road closure. = min 20 days
work on Road or footways	notice to work on council. Property = 5 working days



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

☐

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

☐

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
WHS Act Section 40 regulation 2011 Section 40 QLD	Have a (whitecard) construction induction card. undergo a site induction.

☐

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

Answer

☐

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

Answer Safety Data Sheets (SDS) ☐

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

Answer 10m². ☐

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

☐

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

Answer they can move from one job to another - like work on one - then instead of waiting around if not ready - can move to next job & then go back to original. ☐

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 wiring and then later after the internal lighting and finishes have been installed, for the final fix (eg. power/points, etc).

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

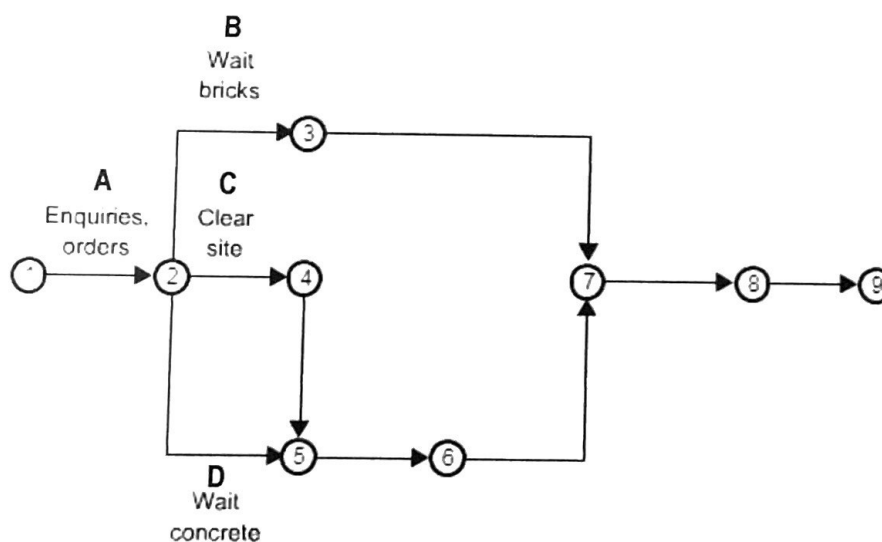
Q33. Order the following construction operations from 1 to 6 to form the most efficient sequence.

Answer

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

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



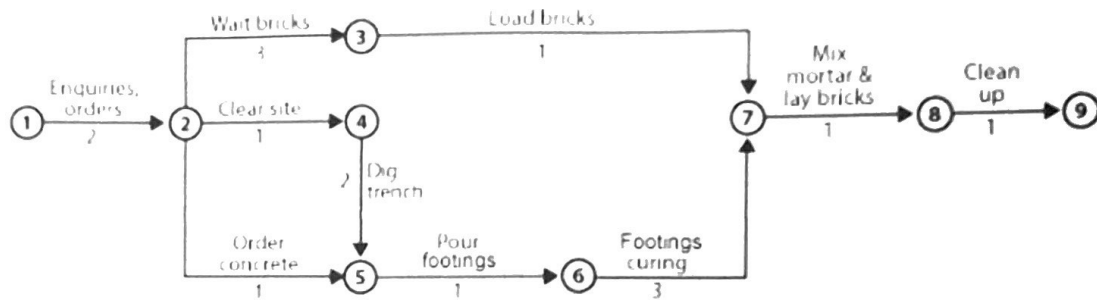
Q35. Name one (1) computer-based software package that may be used to prepare a project schedule.

Answer

Gantt chart.



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

Critical path is the longest sequence of activities in a project

☐

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

Material deliveries
Resources = Unavailable labour.
Weather.

☐

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

These would be helpful in the event of a dispute.

☐



(Drop)

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

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 ☐ if any damages has occurred through the construction process.

Wera

