

SI No	NOS	PC	Theory/ Practical	Question Type	Difficulty Level	Question	Option A	Option B	Option C	Option D	Correct option
1	N8239	PC12. create plan for managing devices at scale before going into full production	Theory	Direct Concept	Easy	APIs remove redundant code from individual IoT solutions and makes it easier to maintain, test and add features. Separating the API from the rest of the web application is often done through _____ which then will give system architects the ability to scale the high-load portions of the site independently.	Multi Level Page Architecture	Transforming Page Architecture	Single Page Applications	Direct Scaling Architecture	C
2	N8239	PC3. ensure ease of adoption for field deployment of IoT solution	Practical	Scenario Based	Difficult	We have to detect the wear and tear of the wheels and break pads in the locomotive coach while running. Which technology is chosen for this scenario?	Sonar	Radar	LIDAR	Optical Recognition	C
3	N8240	PC4. apply information models to determine the structure, lifecycle and accessibility requirements of data	Theory	Scenario Based	Difficult	The IoT Information Model models which type of data from the IoT Domain Model?	Concepts that are explicitly represented and manipulated in digital world	Information that are handled by functional components	Concepts that are foundations of functional groups	Concepts that are handled by communication barriers	A
4	N8240	PC1. organize data with appropriate tags	Practical	Scenario Based	Easy	While providing IoT solutions to the clients, TAGs play an important role in identifying their interests. Which of the following statement is NOT true with regards to TAGs?	Tags are nothing but hierarchical organization structures, such as the traditional file and folder systems on computers	Tags do not create and maintain any groups	TAGs are simply any number of keywords associated with any number of things that results in naturally grouped query results	You can simply add or remove TAGs on your things to change their behaviour	A
5	N8241	PC5. create process models to aid development of IoT use cases	Practical	Scenario Based	Difficult	Which of the following is NOT a modeling language as proposed by BRAIN-IoT to design a Modelling Framework in WP3?	Behaviour model	Device and IoT platform service APIs	Data model	Graphical model	D
6	N8241	PC3. build value engineering into project management processes	Practical	Scenario Based	Difficult	While working on the IoT Solution using the value engineering (VE) concept to analyse the value of the solution, which phase of the job plan will you use to generate more alternatives to the solution you already have and that can add more value?	Information	Function Analysis	Creative	Evaluation	C
7	N8242	PC5. run containerized workloads at the cloud/edge level	Theory	Scenario Based	Medium	You run containerized workloads at the cloud/edge computing level to derive and present various insights from the obtained data. Which of the following statements will be INCORRECT when the containerized edge workloads are run on virtual machines (VM) instead of bare metal? [1] There will be no workload motion from one host to another [2] Rollback to the previous configuration in case of any issue [3] Upgrade of software	Only 1	Only 2	2 and 3	1, 2 and 3	A
8	N8242	PC5. run containerized workloads at the cloud/edge level	Practical	Scenario Based	Easy	What is likely to happen when you run your containerized edge workloads on bare metal servers?	Low latency rate	High CPU consumption	Both low latency rate and high CPU consumption	Neither low latency rate and high CPU consumption	A
9	N9006	PC8. promptly resolve conflicts between team members	Practical	Scenario Based	Medium	What should be done to resolve a conflict that has arisen in the team and is failing to find a common ground?	Give importance to the idea with which most members are satisfied	Raise the issue with a senior member in the team to find a solution	Let each member express his concern and seek HR help in resolving the issue	Take disciplinary action on the members who are creating the conflict	B
10	N9006	PC3. build alliances to establish mutually beneficial working arrangements	Theory	Scenario Based	Easy	Which of the following is considered as a disadvantage of building a strategic alliance for establishing a mutually beneficial work environment?	Strategic alliance to learn necessary skills and obtain certain capabilities from the strategic partner	Reducing risks by distributing them across the members of the alliance	Strategic alliance with a local foreign business to gain entry into a foreign market	Sharing of resources and profits	D
11	N9009	PC5. assist team members in delivery of their work	Practical	Scenario Based	Easy	Which of the following activities should NOT be done while assisting your team members in timely delivery of their tasks?	Making a list of activities to be performed based on their prioritisation	Determining the scope and the time taken to perform the task	Breaking down activities into smaller tasks and workstreams	By prioritizing the activities based on the time taken to complete the task	D
12	N9009	PC7. develop mechanisms to incorporate and develop ideas from the team	Practical	Scenario Based	Difficult	After identifying challenges and gathering the ideas from your team to fix an issue, what is the next step in incorporating those ideas?	Implement and scale	Validate	Measure your efforts	Get feedback from external sources	B
13	N9010	PC5. take defined steps to reach a consensus on the course of action	Theory	Scenario Based	Easy	What should be the first step to be followed while building consensus for any action to be taken?	Opening out the discussion	Introduce and clarify what action to be taken	Forming a proposal	Testing for agreement	B
14	N9010	PC5. take defined steps to reach a consensus on the course of action	Practical	Scenario Based	Difficult	While following all the processes to build consensus among your team members, you found too many stand-asides. What should be your next step in the given scenario?	Explore ideas in broad discussions	Work out on how to implement the decision	Amend the proposal	Open out the discussion	C
15	N9011	PC9. use appropriate project management tools and give access to relevant stakeholders	Practical	Direct Concept	Easy	During the process of identifying stakeholders, the project manager is looking for a tool that will help in prioritizing stakeholders. Which of these would be the most appropriate method to use?	Power-Interest Grid	CPM	Stakeholder Engagement Assessment Matrix	Stakeholder Engagement Plan	A
16	N9011	PC2. identify the sequence of tasks and the resources needed to achieve a goal, and prioritize key action steps	Theory	Scenario Based	Medium	Network planning method CPM (Critical Path Method) is BEST used for:	finding the shortest path through the network diagram	accurate estimation of activity durations	prioritizing and monitoring of activities for the project manager	identifying dependencies between project activities	C
17	N9012	PC5. keep stakeholders updated on changes in project requirements	Practical	Scenario Based	Difficult	While delivering the project, there were a number of changes that were carried out. You want to keep your stakeholders updated about the changes. How frequently should you create a report to inform your stakeholders about the changes in the given scenario?	On a daily basis	On a weekly basis	On a monthly basis	As and when a change is done	B
18	N9012	PC6. define the frequency of communication with all the stakeholders	Practical	Scenario Based	Easy	On using which of the following modes of communication you will have NO idea about the message being delivered and read by the stakeholders?	Meetings	Conference Calls	Newsletters	None of these	C