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38	A	B	C	D	E
39	A	B	C	D	E

PRACTICE QUESTIONS

State of Qatar Department of Healthcare Professions (DHP) Ministry of Public Health (MOPH)

DLT

Dental Lab Technician

Uploaded by Community B

EDITION

Original Demo

QUESTIONS

8

ISSUED

October 14, 2026

Before you begin

What this is

8 practice questions for State of Qatar Department of Healthcare Professions (DHP) Ministry of Public Health (MOPH) **DLT**, each with its answer key and an explanation. Answer a question before you read its key - the explanation is worth more once you have committed.

If something looks wrong

Send us three things and we will check it:

- the exam code, **DLT**
- the question number
- the email address on your order

Write to **support@mometrix.net**. We reply within one business day.

Licence

Free Mometrix practice demo. The complete question bank is available through a paid account.

QUESTION 1

MULTIPLE CHOICE

Which items of personal protective equipment (PPE) should a dental laboratory technician wear when trimming or polishing a contaminated cast or appliance? (Choose two.)

- ☒ **A** Protective eyewear
- ☒ **B** Face mask or respirator
- ☐ **C** Sterile surgical gown used for patient surgery
- ☐ **D** Patient's dental bib

ANSWER A • B

WHY Protective eyewear guards against flying debris and splatter, and a mask or respirator protects against inhalation of dust and aerosols generated during trimming and polishing of contaminated items.

QUESTION 2

SINGLE CHOICE

Why is a wax pattern for a full-cast crown typically sprued at the thickest, bulkiest area of the pattern rather than at a thin margin?

- ☒ **A** To allow molten metal to flow into the mold and feed the casting as it solidifies, reducing porosity
- ☐ **B** To make the pattern easier to remove from the die
- ☐ **C** To reduce the amount of investment material required
- ☐ **D** To prevent the wax pattern from discoloring during investing

ANSWER A

WHY Sprueing at the bulkiest area allows the sprue to act as a reservoir feeding molten metal into the mold as the casting shrinks during solidification, helping to minimize porosity and shrinkage defects in thinner areas.

QUESTION 3

MULTIPLE CHOICE

Which of the following are recognized components of a removable partial denture (RPD) framework? (Choose two.)

- ☒ **A** Minor connector
- ☒ **B** Direct retainer (clasp assembly)
- ☐ **C** Sprue former
- ☐ **D** Post-dam seal

ANSWER A • B

WHY Minor connectors join the major connector to other framework units such as clasp assemblies and rests, while direct retainers (clasps) resist dislodgement of the RPD; sprue formers and post-dam seals are not RPD framework components.

QUESTION 4

SINGLE CHOICE

Which pontic design is generally preferred for posterior fixed partial dentures because it minimizes tissue contact and facilitates oral hygiene by the patient?

- ☐ **A** Ridge lap pontic
- ☐ **B** Modified ridge lap pontic
- ☒ **C** Sanitary (hygienic) pontic
- ☐ **D** Saddle pontic

ANSWER C

WHY The sanitary (hygienic) pontic is designed with no tissue contact, allowing floss and cleaning aids to pass beneath it, making it easiest to keep clean, though it is limited to non-esthetic posterior areas.

QUESTION 5

TRUE/FALSE

Noble dental casting alloys are generally more resistant to tarnish and corrosion in the oral environment than base metal alloys.

☒ **A** True☐ **B** False**ANSWER A**

WHY Noble alloys, containing significant amounts of gold, palladium, or platinum, resist oxidation and corrosion better than base metal alloys, which rely on a passive oxide layer for corrosion resistance.

QUESTION 6

MULTIPLE CHOICE

Which of the following are appropriate practices for handling and disposing of hazardous chemicals, such as acrylic monomer or investment dust, in a dental laboratory? (Choose two.)

☒ **A** Store chemicals in their original, properly labeled containers☒ **B** Dispose of chemical waste according to local regulations rather than pouring it down the drain☐ **C** Pour excess monomer and gypsum slurry directly into the sink☐ **D** Remove product labels once the container is opened**ANSWER A - B**

WHY Chemicals should remain in labeled original containers for safe identification, and hazardous waste must be disposed of per local environmental regulations rather than poured into drains, which can cause pipe blockage or environmental contamination.

QUESTION 7

SINGLE CHOICE

What is the primary purpose of using a dental surveyor when fabricating a removable partial denture framework?

- ☐ A To measure the vertical dimension of occlusion
- ☒ B To identify the path of insertion and areas of undercut on the master cast
- ☐ C To determine the correct shade of the denture teeth
- ☐ D To measure the thickness of the wax pattern

ANSWER B

WHY A surveyor is used to analyze the master cast, locate the common path of insertion/removal, and identify undercuts and guide planes needed for clasp placement and framework design.

QUESTION 8

SINGLE CHOICE

Which type of gypsum product is classified as dental stone (Type III) and is commonly used for fabricating study models and denture casts?

- ☐ A Impression plaster
- ☒ B Dental stone with low expansion and high compressive strength
- ☐ C High-strength, high-expansion die stone
- ☐ D Plaster of Paris used for mounting casts

ANSWER B

WHY Type III dental stone has a finer particle structure than plaster, giving it higher strength and lower setting expansion, making it ideal for study and denture casts, whereas Type IV (die stone) is used for dies requiring greater accuracy and hardness.