

MAHARASHTRA STATE BOARD OF SKILL DEVELOPMENT EXAMINATION, MUMBAI

Examination--July, 2020

CERTIFICATE COURSE IN OPERATION THEATRE TECHNICIAN

[~~Ε~~ύ—3 ιέέ°έ]

(BEŮHÉ MŮÉ—100)

$$\mathbb{E}[\bar{X}^{\circ}(\mathbb{E} + \text{hb} \div |\mathbb{C}|) \bar{O} \mathbb{E} + \mathbb{E} \circ \mathbb{E}[\mathbb{B}] \bar{O} \mathbb{E} \bar{O} \mathbb{E} \bar{O} \mathbb{E} \bar{O} \mathbb{E} \bar{O} \mathbb{E} + \text{hb} \div \mathbb{E} \bar{O} \mathbb{E} + (\mathbb{E} + \mathbb{E}) \quad (02)$$

NÍÐÉ

1. (+) $E^{\oplus}Ed^{\oplus}a^{\oplus}EE$ $VEEMEE$ $IE^{\oplus}U$ ($Ed^{\oplus}hEi^{\oplus}a^{\oplus}EE1/2$) $\{EESE\}$:—

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[illegible][illegible][illegible][illegible]

(5) +É[[Ⓢ]q]xé ÉIEB]OuénE0+É ½bláE0+É VÉNÉE xÉÉqÉ MPÉ'ÉOq ½páfEa

(6) +ÉÉ®]ÉÉ ÉÍÉB]ÖÜÉVÉ+É ÍÉÉÉÉÉÉ`ÖÉ+Éä VÉÉíÉä

[illegible]

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(1) +tʰe[@] tʰe[@] fē[@] ð tʰe[@] ɔs^afē tʰeⁿc^afē iēmē | fūle tʰe^afēsēð +o^e+a^efē i^afē | iēmē tʰe[@] stā
nāl fōlē E^ofē Ed^rf^r tʰāf ē iēð vēmē vēmē tʰe[@] pūl fūlē o[@] sU^o E^o tʰēð.

[illegible]

(3) {±EE°}®ü ±EE °±ªÉÉXÆ®ü ±EMδESE °üMhÉE±EE ½±ESEE±E Eò-ù tÉ°E.

(4) $E_{\text{of}}^{\text{a}} E_{\text{f}}^{\text{a}} + E_{\text{f}}^{\text{a}} E_{\text{of}}^{\text{a}} = E_{\text{f}}^{\text{a}} E_{\text{of}}^{\text{a}} + E_{\text{of}}^{\text{a}} E_{\text{f}}^{\text{a}}$

(5) $\{e^{iaE_0} - i\hbar E_0 \alpha \epsilon b_0, iE_0 + E_0 \hbar^2 \epsilon \epsilon b_0 \frac{1}{2} E_0 \{E_0 + E_0\}^2\} iE_0 E_0 E_0$

(6) ~~xxE'EE' -mEEStá®~~ ~~CiEntE~~ 1/2 120/80 mm of Hg. B'fñ + °Eiñ

(Eò) ÊÊ°îÉÉÉ®üÊ -ûÊä Ê+Ê½Þ (ÊðÊäÊíÊ½Þ) {ÊÊÊ} :—

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(i) U.S.G.

(ii) T.P.R.

(iii) I.M.

(iv) CO_2

(v) G.A.

(vi) O.T.

(b) ~~EXAMPLE~~ ~~VEEB~~ ~~VEEB~~ ~~VEEB~~ :—

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‘**ḫ**’, MÉ] ò

(1) $\frac{1}{2}pEE_{\perp} - EE_{\parallel} = 0$

(+) +ÉÉ3ÉÉÉ

(2) $E_{\hat{d} \pm} \neq E_{\pm}$

(၁၄) ဝိသေသ

(3) Vitamin A

$$(E_0) + \frac{1}{2} \frac{d^2 E}{d\lambda^2} \lambda^2$$

(4) $+E] \text{ } \overline{\text{C}}_{\pm} \text{ } \overline{\text{A}}^{1/2}$

(b) ~~MEP] [REDACTED]~~

(5) $V \in \mathcal{V}_\infty$ is a \mathbb{Z} -module

(\leftarrow) $\frac{1}{2} \text{pba}^{\text{f}} \cdot \text{pE}^{\text{B}} \cdot \frac{1}{2} \text{pmE}^{\text{a}}$

$$[\pm \epsilon] \cup \{\epsilon/2\}$$

**PRINCIPLES AND PRACTICE OF THEATRE MANAGEMENT AND
MATERIAL (THEORY-II)**

Marks

1. (a) Fill in the blanks (any *five*) :— 5
 - (i) If operation theatre is then chances of infection are low.
 - (ii) Oxygen[O₂] in operation theatre must be always.
 - (iii) Anesthesia given in spinal cord is known as
 - (iv) is given to empty the bowel before operation.
 - (v) By use of gas O.T. is sterilized.
 - (vi) Operation theatre temperature is maintained at level.
- (b) State *True* or *False* (any *five*) :— 5
 - (i) Before final anaesthesia showing clean and septic precaution are taken.
 - (ii) Planning before surgery is not necessary.
 - (iii) Patient may be mobilize immediately after plaster application.
 - (iv) Before any operation we should sterilized the O.T.
 - (v) We check every patient pulls, temp, B.P. compulsory.
 - (vi) Normal patients B.P. is 120/80 mm of Hg.
- (c) Write long form of (any *five*) :— 5

(i) U.S.G.	(ii) T.P.R.	(iii) I.M.
(iv) CO ₂	(v) G.A.	(vi) O.T.
- (d) Match the following pairs :— 5

'A' Group	'B' Group
(i) Hemoglobin	(a) Loss of vision
(ii) Calcium	(b) Drum
(iii) Vit. A	(c) Anemia
(iv) Autoclave	(d) Gastroscopy
(v) Stomach examination	(e) Osteology.
2. Answer the following questions (any *two*) :— 16
 - (a) Write about the O.T. management.
 - (b) Staff—patient relationship.
 - (c) Define material management.
 - (d) Explain interpersonal relation and communication with patient.

CON 228

Marks

3. Attempt any *two* of the following :— 16
- (a) Fumigation in O.T. write in detail.
 - (b) Write physical and psychological preparation before surgery.
 - (c) Explain the system for billing of operation theatre material.
 - (d) Utilization of operation theatre.
4. Attempt any *two* of the following :— 16
- (a) Draw label and write on O.T. structure.
 - (b) How to maintain the record of patient ? Why ?
 - (c) How classify used and unused material.
 - (d) Write in detail preparation for spinal anaesthesia, general anaesthesia, local anaesthesia.
5. Write short notes on the any *four* of the following :— 16
- (a) Write stock and system for billing of operation theatre material.
 - (b) Requirement of drug and injection before and after surgery write details.
 - (c) Write communication and infection with ward and O.T. staff.
 - (d) O. T. trolley.
 - (e) Catheter.
6. Attempt any *two* of the following :— 16
- (a) Pre operative and post operative care of patient write in details.
 - (b) General list of instruments used in O.T.
 - (c) Establish the communication system of computer from O.T. to laboratory, radiology department and amount collection centre.
 - (d) How will you prevent infection in O.T. and What are the guidelines to give for nurse in O.T. ?
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