

MAHARASHTRA STATE BOARD OF SKILL DEVELOPMENT EXAMINATION, MUMBAI

Examination--July, 2020

CERTIFICATE COURSE IN HEALTH WORKER

[**Ἐφ**—3 **ἰἑῶἔ**]

(BEÚHÉ ~~MEÉ~~—100)

[illegible]

NĪĖÉ

1. (+) $\text{E}^{\text{®}}\text{E}^{\text{®}}\text{VÉEMÉ} \text{JÉ}^{\text{®}} (\text{E}^{\text{®}}\text{E}^{\text{®}}\text{E}^{\text{®}}\text{E}^{\text{®}}) \text{E}^{\text{®}} :-$

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- (1) {Ea}EoE EioEo xEoEia
- (2) ½EoE Eo Eo aEVE EeEe Eo(Host) + E+EE + oEieEe.
- (3) OEEoEE ' 'EE' EoBxBEEe<EE ' +oEa ½EaEEVEEia
- (4) vE EeEo ¾aEEsEE xE EE EEE EEE EoEia
- (5) EE ¾aEEsEE {Ee EEE Eo(Pacemaker) ½EaEEVEEia
- (6) <xEEEE OEEoEoEE oJE E+EEVEEia

(२६) श्री 0 ए0 ~~श्री~~[®] ~~श्री~~[®] विद्या ँ ± ए ½ ऽ (ए 0 ह 0 ई 0 ई ½ ऽ) { ई ० ई } :-

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- [illegible]

(E0) $J\mathbb{E} + \mathbb{E}0 + \mathbb{E}\{\mathbb{E}(\mathbb{E}0) \mathbb{E}0\} \mathbb{E}i^{a\mathbb{E}\mathbb{E}1/2} \{ \mathbb{E}\mathbb{E}\mathbb{E}\mathbb{E}\mathbb{E}0 \} n0\mathbb{P}\mathbb{E}\mathbb{E}^{-1} \{ \mathbb{E}a\mathbb{E} + \mathbb{E}1/2 \} (\mathbb{E}0\mathbb{E}i\mathbb{E}i\mathbb{E}2) \{ \mathbb{E}\mathbb{E}\mathbb{E} \} :-$

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- (1) D.A.N.I.D.A. (2) U.N.F.P.A. (3) N.G.O.
(4) B.M.W. (5) S.T.D. (6) R.C.H.

(b) ~~VÉÉÉÉÉ~~ ~~VÉÉÉÉÉ~~ :—

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|-------------------------|----------------------------|
| (1) +BÉŋʰaʰ (Ovary) | (+) Eoŋʰaʰ xÉŋʰaʰ ŋ Eoŋʰaʰ |
| (2) tÉŋʰaʰ Oŋʰaʰ | (ŋ) xÉŋʰaʰ (Nephron) |
| (3) VÉŋʰaʰ | (Eo) oŋʰaʰ |
| (4) tÉŋʰaʰ | (b) ½ tÉŋʰaʰ (Hormones) |
| (5) +ŋʰaʰ: oŋʰaʰ tÉŋʰaʰ | (<) tÉŋʰaʰ tÉŋʰaʰ tÉŋʰaʰ |

$$[\pm \epsilon] \text{ and } \{\epsilon/2\}$$

2. JEE+FO+(EEo) EdmEi+EE%**nonE** |E|xEESEO =KE@E+EV%:- 16
- (+) @E]@PE +E@MP EEEhESEO =Eq]oEdmEiEO ?
- (E) (EEhEESaEE ME EESaEEEOE EdmEia?
- (Eo) |EEIE EEo +E@MP Eopu E =(EEopuEEAO+E]O ESEO VE+EEno@O oEEIE.
- (b) अन्नमार्गचे भाग कोणते ? पचनास आवश्यक असणाऱ्या पाचक रसांची नावे व स्थानसांगा.
3. JEE+FO+(EEo) EdmEi+EE%**nonE** |E|xEESEO =KE@E+EV%:- 16
- (+) "EEhEVEO+E VEOxE]Q(Ea(Life Stages) +EE EIEEEOxE EEE(Behavioral Patterns) aEE+EIE E+EV%.
- (E) oEE EEEEO +E@MP E oE EESa+E@MP EEEO oEE+(EIE o(EI]OEo@.
- (Eo) "EEEO oE;EE EE E@E;EE E nEE EEE@PE]EO EdmEia?
- (b) 1/2EE |EnEESa+E@MP E E@1/2EE@E EEE E oEEIE.
4. JEE+FO+(EEo) EdmEi+EE%**nonE** |E|xEESEO IEEoEaEEIE =KE@E+EV%:- 16
- (+) जैववैद्यकीय कच्च्याचे आरोग्यावर होणारे परिणाम सांगा.
- (E) 1EoESEO EGore EHE EO@.
- (Eo) OEE EIEE>@E@]@PE +E@MP EEEGOEEaEE +E+EVEE EEOEE O +E@MP oEEEOSEO;EOEE E VEE+EEno@O E EEnuEO@.
- (b) oJEO |EVExE oEEIESEO EdaE+EV%.
5. IEEoEaEEIE E]@EE+EV% (EdmEi+EE%**SE**):- 16
- (+) +xxESEO oEE oEEEO.
- (E) VEOEEHEa EMEo@E.
- (Eo) "EIE E@EIEO 1EoE@E (Anatomy).
- (b) @EIEEO+E PE]EO.
- (<) +E@MP EEO PE@EO oEE EEaE iEk Ea
6. JEE+FO+(EEo) EdmEi+EE%**nonE** |E|xEESEO =KE@E+EV%:- 16
- (+) +xxE EV%oJEEaESEO (Digestive System) EdaE+EV%.
- (E) +E@MP EEEEO iEGoE EEE oEE EEEEO E +EIEEO EEEO EEEEO E+EV%.
- (Eo) (EE@E@E EEE EEE EEE (Environmental Sanitation) SEO aEEJEE E+EV% iEESa E+EV%.
- (b) oEEIEE EEE EEE EEE oEE =no/PhEaEE EEO E]OEo@.

(ENGLISH)

[TIME ALLOWED—3 HOURS]

(MARKS—100)

BASIC HEALTH SCIENCE AND PROGRAMME (THEORY-I)**Marks**

1. (a) Fill in the blanks (any *five*) :— 5
- (i) cells are non-nucleated cells.
- (ii) The are usually dependent on host.
- (iii) gland is known as master endocrine.
- (iv) artery supplies the blood to heart muscles.
- (v) is called as pacemaker of the heart.
- (vi) Insulin is secreted by gland.
- (b) State *true* or *false* (any *five*) :— 5
- (i) Keeping your body clean helps to prevent the spread of disease.
- (ii) Malaria is caused due to houseflies.
- (iii) Movement of air in and out of lungs is called ventilation.
- (iv) Nutritional status is a positive health indicator.
- (v) Esophagus does not produce digestive enzymes.
- (vi) The family is not an integral unit of health services.
- (c) Write long forms of the following (any *five*) :— 5
- (i) D.A.N.I.D.A. (ii) U.N.F.P.A. (iii) N.G.O.
- (iv) B.M.W. (v) S.T.D. (vi) R.C.H.
- (d) Match the following pairs :— 5
- | ‘A’ Group | ‘B’ Group |
|--------------------|----------------------|
| (i) Ovary | (a) Waste Disposal |
| (ii) Testis | (b) Nephron |
| (iii) Incineration | (c) Ovum |
| (iv) Kidney | (d) Hormones |
| (v) Endocrines | (e) Spermatogenesis. |

[Turn over

2. Answer any *two* the following :— 16
- (a) What are the objectives of National Health Policy ?
 - (b) What are the criteria for water quality ?
 - (c) Which are the responsibilities of health team at P.H.C. and sub-centres ?
 - (d) Enlist the parts of alimentary Canal ? Give names, sites of the digestive juices.
3. Answer any *two* the following :— 16
- (a) Write the life stages and behavioral patterns in children.
 - (b) Explain the concepts of public health and community health.
 - (c) Which are the factors influencing the human behaviour ?
 - (d) What are the effects of air pollution on health ?
4. Give the answers in brief (any *two*) :— 16
- (a) What are the health hazards of bio-medical wastes ?
 - (b) Describe the physiology of breathing.
 - (c) What is the role and responsibility of health workers in the National Health plans and its implementation at Village levels ?
 - (d) What are the functions of female reproductive system ?
5. Write short notes on any *four* of the following :— 16
- (a) Preservation of food.
 - (b) Classification of bacteria.
 - (c) An anatomy of Urinary System.
 - (d) Composition of blood.
 - (e) General principles of healthful housing.
6. Answer any *two* of the following :— 16
- (a) What are the functions of digestive system ?
 - (b) Write about the socio-economic factors related to health problems.
 - (c) Write the definition and scope of environmental sanitation.
 - (d) Explain the epidemiological triad with examples.
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