

National Testing Agency

Question Paper Name: Emerging Areas In Hospital Planning Design And Facilities Management 16th February 2020 Shift 2
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Emerging Areas In Hospital Planning Design And Facilities Management

Group Number : 1
Group Id : 28860716
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Show Attended Group? : No
Edit Attended Group? : No
Break time: 0
Group Marks: 100
Is this Group for Examiner?: No

Emerging Areas In Hospital Planning Design And Facilities Management

Section Id : 28860716
Section Number : 1
Section type : Online
Mandatory or Optional: Mandatory
Number of Questions: 100
Number of Questions to be attempted: 100
Section Marks: 100

Sub-Section Number: 1
Sub-Section Id: 28860716
Question Shuffling Allowed : Yes

**Question Number : 1 Question Id : 2886071501 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0**

Which of the following is not part of a standard hospital?

- a. OPD
- b. IPD
- c. OT
- d. Container Loading Area.

Options :

2886075989. 1

2886075990. 2

2886075991. 3

2886075992. 4

Question Number : 2 Question Id : 2886071502 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

What is a planning grid?

- a) Network of shapes
- b) Network of sizes
- c) Network of lines
- d) Network of grids

Options :

2886075993. 1

2886075994. 2

2886075995. 3

2886075996. 4

Question Number : 3 Question Id : 2886071503 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

In rural hospitals the planning grid is based on the layout of?

- a) Structural layout
- b) Inpatient tower
- c) Concept of the architect
- d) Height of the building

Options :

2886075997. 1

2886075998. 2

2886075999. 3

2886076000. 4

Question Number : 4 Question Id : 2886071504 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

How much is the minimum illumination required in an examination room

- a) 150-200 lux
- b) 300-500 lux
- c) 500-1000 lux
- d) 1000-1300 lux

Options :

2886076001. 1

2886076002. 2

2886076003. 3

2886076004. 4

Question Number : 5 Question Id : 2886071505 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

In urban hospitals the planning grid is based on the layout of?

- a) Structural layout
- b) Inpatient tower
- c) Concept of the architect
- d) Height of the building

Options :

2886076005. 1

2886076006. 2

2886076007. 3

2886076008. 4

Question Number : 6 Question Id : 2886071506 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Which of the following is not one of the 5 senses of the Intelligent hospitals?

- a) security integration
- b) network connectivity
- c) visual management
- d) none of the above

Options :

2886076009. 1

2886076010. 2

2886076011. 3

2886076012. 4

Question Number : 7 Question Id : 2886071507 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

The recommended ceiling height of an X-ray room is

- a) 3.20m
- b) 3.5m
- c) 3.0m
- d) 3.1m

Options :

2886076013. 1

2886076014. 2

2886076015. 3

2886076016. 4

Question Number : 8 Question Id : 2886071508 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

The minimum corridor requirement in a medical imaging services area is

- a) 2.4m
- b) 2.0m
- c) 2.7m
- d) 3.0m

Options :

2886076017. 1

2886076018. 2

2886076019. 3

2886076020. 4

Question Number : 9 Question Id : 2886071509 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Match the following

- | | |
|-----------------|---|
| 1. CT SCREENING | a) Based on isotope injection into the body |
| 2. MRI | b) X-ray investigation of the heart and blood vessels |
| 3. ANGIOGRAPHY | c) Cross sectional imaging of the body |
| 4. PET ROOM | d) Use of radio frequencies to generate images |

- a) 1-a, 2-b, 3-c, 4-d
- b) 1-c, 2-d, 3-b, 4-a
- c) 1-c, 2-d, 3-a, 4-b
- d) 1-c, 2-b, 3-a, 4-d

Options :

2886076021. 1

2886076022. 2

2886076023. 3

2886076024. 4

Question Number : 10 Question Id : 2886071510 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Match the following

- | | |
|-------------------------|---|
| 1. X-RAY ROOM | a) Should have curtains instead of a door |
| 2. DARK ROOM | b) Should have a lead glass window |
| 3. DRESSING ROOMS | c) Located between 2 x-ray rooms |
| 4. FILM PROCESSING AREA | d) Development of images |

- a) 1-a, 2-b, 3-c, 4-d
- b) 1-b, 2-d, 3-c, 4-a
- c) 1-b, 2-c, 3-a, 4-d
- d) 1-b, 2-c, 3-d, 4-c

Options :

2886076025. 1

2886076026. 2

2886076027. 3

2886076028. 4

Question Number : 11 Question Id : 2886071511 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

The preferable location of ICU is?

- a) Close to the main entrance of hospital
- b) Close to wards
- c) Close to outpatient department
- d) Close to operation theatres, emergency department and medical imaging departments

Options :

2886076029. 1

2886076030. 2

2886076031. 3

2886076032. 4

Question Number : 12 Question Id : 2886071512 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

What is the recommended percentage of ICU beds in a general hospital?

- a) 10 %
- b) 15%
- c) 5%
- d) 7%

Options :

2886076033. 1

2886076034. 2

2886076035. 3

2886076036. 4

Question Number : 13 Question Id : 2886071513 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

The minimum distance between two beds in an ICU is

- a) 2.5m
- b) 3.0m
- c) 3.5m
- d) 4.0m

Options :

2886076037. 1

2886076038. 2

2886076039. 3

2886076040. 4

Question Number : 14 Question Id : 2886071514 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Match the following illumination levels

- | | |
|------------------|------------|
| 1. Patient areas | a) 100 lux |
| 2. Corridor | b) 150 lux |
| 3. Staff area | c) 300 lux |

- a) 1-c, 2-a, 3-b
- b) 1-a, 2-b, 3-c
- c) 1-a, 2-c, 3-b
- d) 1-c, 2-b, 3-c

Options :

2886076041. 1

2886076042. 2

2886076043. 3

2886076044. 4

Question Number : 15 Question Id : 2886071515 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

The type and minimum door width of an operation theatre is?

- a) Sliding with 1.2m
- b) Double leaf door with 1.2m
- c) Sliding with 1.8m
- d) Double leaf door with 1.8m

Options :

2886076045. 1

2886076046. 2

2886076047. 3

2886076048. 4

Question Number : 16 Question Id : 2886071516 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

The minimum size of a stretcher station should be?

- a) 7.43 sqmts
- b) 8.5 sqmts
- c) 6.5 sqmts
- d) 7.0 sqmts

Options :

2886076049. 1

2886076050. 2

2886076051. 3

2886076052. 4

Question Number : 17 Question Id : 2886071517 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

Match the following

- | | |
|--------------------|------------------|
| 1. PROTECTIVE ZONE | a) Waiting area |
| 2. CLEAN ZONE | b) Plaster room |
| 3. STERILE ZONE | c) Scrub room |
| 4. DISPOSAL ZONE | d) Dirty utility |

- a) 1-b, 2-c, 3-a, 4-d
- b) 1-d, 2-c, 3-a, 4-b
- c) 1-a, 2-c, 3-b, 4-a
- d) 1-a, 2-b, 3-c, 4-d

Options :

2886076053. 1

2886076054. 2

2886076055. 3

2886076056. 4

Question Number : 18 Question Id : 2886071518 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

What is the temperature and humidity levels to be maintained in OT?

- a) 21 to 24°C & 45 to 60%
- b) 25 to 28 °C& 60 to 75%
- c) 25 to 28 °C& 45 to 60%
- d) 21 to 24°C & 60 to 75%

Options :

2886076057. 1

2886076058. 2

2886076059. 3

2886076060. 4

Question Number : 19 Question Id : 2886071519 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

What should be the minimum air flow velocity at working height level?

- a) 0.35m/s
- b) 0.25m/s
- c) 0.3 m/s
- d) 0.4m/s

Options :

2886076061. 1

2886076062. 2

2886076063. 3

2886076064. 4

Question Number : 20 Question Id : 2886071520 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

The minimum air changes per hour in an OT should be?

- a) 10 air changes per hour
- b) 15 air changes per hour
- c) 20 air changes per hour
- d) 25 air changes per hour

Options :

2886076065. 1

2886076066. 2

2886076067. 3

2886076068. 4

Question Number : 21 Question Id : 2886071521 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

What are nosocomial infections?

- a) Environmental Infections
- b) Hereditary disorders
- c) Infections obtained at hospitals
- d) All of the above

Options :

2886076069. 1

2886076070. 2

2886076071. 3

2886076072. 4

Question Number : 22 Question Id : 2886071522 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Legionnaire's disease is acquired by?

- a) Food in hospitals
- b) Air circulation in hospitals
- c) Water for drinking in hospital
- d) Due to contact with excreta

Options :

2886076073. 1

2886076074. 2

2886076075. 3

2886076076. 4

Question Number : 23 Question Id : 2886071523 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

What are the functions of an Air lock?

- a) barrier against loss of pressurization
- b) provide a controlled environment in which protective garments can be donned without contamination
- c) provide a physical and psychological barrier to control behavior of staff in adopting infection control practices
- d) All of the above

Options :

2886076077. 1

2886076078. 2

2886076079. 3

2886076080. 4

Question Number : 24 Question Id : 2886071524 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

As per ASHRAE an ICU is designed with how many air changes per hour?

- a) 12 air changes per hour
- b) 10 air changes per hour
- c) 15 air changes per hour
- d) 18 air changes per hour

Options :

2886076081. 1

2886076082. 2

2886076083. 3

2886076084. 4

Question Number : 25 Question Id : 2886071525 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

Match the following

- | | |
|------------|---------------------------------------|
| 1. Class A | a) combustible liquids |
| 2. Class B | b) energized electrical equipment |
| 3. Class C | c) combustible metals |
| 4. Class D | d) combustible materials such as wood |
| 5. Class K | e) combustible cooking oils and fats |

- a) 1-a, 2-b, 3-c, 4-d, 5-e
- b) 1-b, 2-a, 3-d, 4-e, 5-c
- c) 1-d, 2-a, 3-b, 4-c, 5-e
- d) 1-d, 2-b, 3-c, 4-a, 5-e

Options :

2886076085. 1

2886076086. 2

2886076087. 3

2886076088. 4

Question Number : 26 Question Id : 2886071526 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

What is the minimum corridor width requirement for transportation of hospital beds?

- a) 2.5mts
- b) 2.4mts
- c) 2.6mts
- d) 2.25mts

Options :

2886076089. 1

2886076090. 2

2886076091. 3

2886076092. 4

Question Number : 27 Question Id : 2886071527 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

Match the following

- | | |
|---------------------------|----------------------------------|
| 1. Fire Suppression | a) Alarms & detectors |
| 2. Fire Alarm System | b) Sprinkler & extractor systems |
| 3. Fire Fighting Equipmer | c) Extinguishers & water supply |

- a) 1-a, 2-b, b-c
- b) 1-b, 2-a, 3-c
- c) 1-b, 2-c, 3-a
- d) 1-a, 2-c, 3-b

Options :

2886076093. 1

2886076094. 2

2886076095. 3

2886076096. 4

Question Number : 28 Question Id : 2886071528 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

Match the following

- | | |
|-------------------|-----------------------|
| 1. Soda ash | a) Cooling |
| 2. Carbon dioxide | b) Excludes oxygen |
| 3. Foam | c) Blanket smothering |
| 4. Pyrene | d) Vapor cooling |

- a) 1-a, 2-b, 3-c, 4-d
b) 1-b, 2-c, 3-d, 4-a
c) 1-c, 2-b, 3-a, 4-d
d) 1-a, 2-c, 3-b, 4-d

Options :

2886076097. 1

2886076098. 2

2886076099. 3

2886076100. 4

Question Number : 29 Question Id : 2886071529 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

What should be the minimum clear distance between two hospital beds in a ward?

- a) 1.5m
b) 1.65m
c) 1.8m
d) 1.2m

Options :

2886076101. 1

2886076102. 2

2886076103. 3

2886076104. 4

Question Number : 30 Question Id : 2886071530 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

What is the minimum compartment size in wards for fire prevention?

- a) 550 sqmts
b) 600 sqmts
c) 650 sqmts
d) 750 sqmts

Options :

2886076105. 1

2886076106. 2

2886076107. 3

2886076108. 4

Question Number : 31 Question Id : 2886071531 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

At what height should the lights be placed in corridors and escape routes?

- a) 1.0m
- b) 0.5m
- c) 0.75m
- d) 0.6m

Options :

2886076109. 1

2886076110. 2

2886076111. 3

2886076112. 4

Question Number : 32 Question Id : 2886071532 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

In a one-way corridor, the maximum distance of exit from ward should be

- a) 15m
- b) 10m
- c) 20m
- d) 12m

Options :

2886076113. 1

2886076114. 2

2886076115. 3

2886076116. 4

Question Number : 33 Question Id : 2886071533 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Match the following evacuation types

- | | |
|--------------|---|
| 1. Immediate | a) Evacuate as quickly and safely as possible |
| 2. Rapid | b) Sufficient time for systematic evacuation procedures |
| 3. Gradual | c) Do not move patient, prepare for evacuation |
| 4. Prepare | d) Evacuate immediately or patients and staff may die |

- a) 1-d, 2-a, 3-b, 4-c
- b) 1-a, 2-c, 3-d, 4-b
- c) 1-a, 2-d, 3-c, 4-b
- d) 1-d, 2-b, 3-a, 4-c

Options :

2886076117. 1

2886076118. 2

2886076119. 3

2886076120. 4

Question Number : 34 Question Id : 2886071534 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

For a hospital with Number of beds not exceeding 100, how much minimum water is required for flushing per day?

- a) 100 lts/head
- b) 105 lts/head
- c) 110 lts/head
- d) 115 lts/head

Options :

2886076121. 1

2886076122. 2

2886076123. 3

2886076124. 4

Question Number : 35 Question Id : 2886071535 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

For a hospital with Number of beds exceeding 100, how much minimum water is required for total consumption per day?

- a) 350 lts/head
- b) 450 lts/head
- c) 500 lts/head
- d) 550 lts/head

Options :

2886076125. 1

2886076126. 2

2886076127. 3

2886076128. 4

Question Number : 36 Question Id : 2886071536 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

How much water is required for domestic use per day in outpatient department?

- a) 10 lts/head
- b) 12 lts/head
- c) 15 lts/head
- d) 18 lts/head

Options :

2886076129. 1

2886076130. 2

2886076131. 3

2886076132. 4

Question Number : 37 Question Id : 2886071537 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

What is the ideal location for placement of boilers?

- 1. Service Room
- 2. Pump Room
- 3. Adjoining Room to Pump Room

- a) Only 1
- b) Only 2
- c) Both 1&2
- d) Both 1&3

Options :

2886076133. 1

2886076134. 2

2886076135. 3

2886076136. 4

Question Number : 38 Question Id : 2886071538 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

What pipes are recommended for distribution of hot water?

- a) GI Pipes
- b) Cast iron Pipes
- c) PVC Pipes
- d) UPVC Pipes

Options :

2886076137. 1

2886076138. 2

2886076139. 3

2886076140. 4

Question Number : 39 Question Id : 2886071539 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

What type of pipe is recommended for drainage disposal in hospitals?

- a) GI Pipes
- b) Cast iron Pipes
- c) HDPE pipes
- d) UPVC Pipes

Options :

2886076141. 1

2886076142. 2

2886076143. 3

2886076144. 4

Question Number : 40 Question Id : 2886071540 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

At what pressure are gases delivered from central supply points to different sites in the hospital?

- a) 500 KPa
- b) 550 KPa
- c) 400 KPa
- d) 450 KPa

Options :

2886076145. 1

2886076146. 2

2886076147. 3

2886076148. 4

Question Number : 41 Question Id : 2886071541 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

What diameter pipes are usually used for leaving the manifold?

- a) 40mm
- b) 41mm
- c) 42mm
- d) 43mm

Options :

2886076149. 1

2886076150. 2

2886076151. 3

2886076152. 4

Question Number : 42 Question Id : 2886071542 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Medical air is supplied from?

- a) Vacuum-insulated evaporator
- b) Gas Cylinder
- c) Compressed air plant
- d) All of the above

Options :

2886076153. 1

2886076154. 2

2886076155. 3

2886076156. 4

Question Number : 43 Question Id : 2886071543 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

The most economical way to store & supply oxygen is?

- a) Vacuum-insulated evaporator
- b) Gas Cylinder
- c) Compressed air plant
- d) All of the above

Options :

2886076157. 1

2886076158. 2

2886076159. 3

2886076160. 4

Question Number : 44 Question Id : 2886071544 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

In an operating room what temperature has to be maintained?

- a) 22°C-23°C
- b) 23°C-24°C
- c) 24°C-25°C
- d) 25°C-26°C

Options :

2886076161. 1

2886076162. 2

2886076163. 3

2886076164. 4

Question Number : 45 Question Id : 2886071545 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

To overcome odour what is to be done in autopsy room?

- a) Pressure to be kept positive with respect to adjacent room
- b) Pressure to be kept negative with respect to adjacent room
- c) Constant supply of fresh air
- d) Constant exhausting

Options :

2886076165. 1

2886076166. 2

2886076167. 3

2886076168. 4

Question Number : 46 Question Id : 2886071546 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

All used masks, gloves, plastic apron, head cap comes under which color in biomedical waste?

- a) Yellow
- b) Red
- c) Black
- d) Blue

Options :

2886076169. 1

2886076170. 2

2886076171. 3

2886076172. 4

Question Number : 47 Question Id : 2886071547 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Arrange the waste management stepwise

1. Transportation
2. Collection and storage
3. Segregation
4. Treatment and disposal

- a) 1-2-3-4
- b) 1-3-2-4
- c) 3-2-1-4
- d) 3-1-2-4

Options :

2886076173. 1

2886076174. 2

2886076175. 3

2886076176. 4

Question Number : 48 Question Id : 2886071548 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

As per recommendation 1 what method is adopted to reduce the transmission of M. tuberculosis to health workers where there is high risk of transmission?

- a) Respiratory separation
- b) Isolation of people
- c) Initiation of treatment
- d) Triage of people with signs of TB

Options :

2886076177. 1

2886076178. 2

2886076179. 3

2886076180. 4

Question Number : 49 Question Id : 2886071549 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

As per recommendation 2 what method is adopted to reduce the transmission of M. tuberculosis to health workers where there is high risk of transmission?

1. Respiratory separation
2. Isolation of people
3. Initiation of treatment
4. Triage of people with signs of TB

- a) 1&2
- b) 1&3
- c) 2&3
- d) 1&4

Options :

2886076181. 1

2886076182. 2

2886076183. 3

2886076184. 4

Question Number : 50 Question Id : 2886071550 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

HEPA stands for?

- a) High energy particulate air
- b) High efficiency processed air
- c) Health efficiency particulate air
- d) High efficiency particulate air

Options :

2886076185. 1

2886076186. 2

2886076187. 3

2886076188. 4

Question Number : 51 Question Id : 2886071551 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

In a resource limited settings what mode of ventilation is preferred?

- a) Mechanical ventilation
- b) Mixed mode ventilation
- c) Natural ventilation
- d) None of the above

Options :

2886076189. 1

2886076190. 2

2886076191. 3

2886076192. 4

Question Number : 52 Question Id : 2886071552 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

How can ventilation systems be used to reduce the spread of infection?

1. By controlling the direction of wind flow
2. By controlling the force of airflow
3. By controlling the airflow-intensity

- a) Only 1
- b) Only 2
- c) Only 3
- d) All of the above

Options :

2886076193. 1

2886076194. 2

2886076195. 3

2886076196. 4

Question Number : 53 Question Id : 2886071553 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

As per recommendation 7 what method is adopted to reduce the transmission of M. tuberculosis to health workers where there is high risk of transmission?

- a) Upper-room germicidal ultraviolet
- b) Ventilation system
- c) Particulate respirators
- d) HEPA filters

Options :

2886076197. 1

2886076198. 2

2886076199. 3

2886076200. 4

Question Number : 54 Question Id : 2886071554 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

A pathogen which causes human/animal disease, but is not dangerous to workers and community falls under which category?

- a) Risk 1
- b) Risk 2
- c) Risk 3
- d) Risk 4

Options :

2886076201. 1

2886076202. 2

2886076203. 3

2886076204. 4

Question Number : 55 Question Id : 2886071555 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Match the following:

- | | |
|----------------------|-------------------------------|
| 1. Biosafety level 1 | a) E. coli. |
| 2. Biosafety level 2 | b) Staphylococcus aureus |
| 3. Biosafety level 3 | c) Mycobacterium tuberculosis |
| 4. Biosafety level 4 | d) Marburg |

- a) 1-a, 2-b, 3-c, 4-d
- b) 1-b, 2-c, 3-a, 4-d
- c) 1-a, 2-c, 3-b, 4-d
- d) 1-a, 2-d, 3-b, 4-a

Options :

2886076205. 1

2886076206. 2

2886076207. 3

2886076208. 4

Question Number : 56 Question Id : 2886071556 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Match the following

- | | |
|----------------------|---|
| 1. Biosafety level 1 | a) Laboratory to have self-closing doors |
| 2. Biosafety level 2 | b) Doors to separate working space with the rest of the facility |
| 3. Biosafety level 3 | c) Laboratory to be in a separate building or in an isolated and restricted zone of the building. |
| 4. Biosafety level 4 | d) Lab to have two sets of self-closing and locking doors |

- a) 1-a, 2-b, 3-c, 4-d
b) 1-b, 2-a, 3-d, 4-c
c) 1-a, 2-c, 3-b, 4-d
d) 1-a, 2-d, 3-b, 4-a

Options :

2886076209. 1

2886076210. 2

2886076211. 3

2886076212. 4

Question Number : 57 Question Id : 2886071557 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Ventilation is not necessary in which biosafety level?

- a) Biosafety Level 1
b) Biosafety Level 2
c) Biosafety Level 3
d) Biosafety Level 4

Options :

2886076213. 1

2886076214. 2

2886076215. 3

2886076216. 4

Question Number : 58 Question Id : 2886071558 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Match the following:

- | | |
|-------------------|---------------------------|
| 1. Thermal | a) Medical Laboratory |
| 2. Fluid flow | b) Calibration Laboratory |
| 3. Histopathology | c) Testing Laboratory |

- A. 1-a, 2-b, 3-c
B. 1-a, 2-c, 3-b
C. 1-b, 2-c, 3-a
D. 1-b, 2-a, 3-c

Options :

2886076217. 1

2886076218. 2

2886076219. 3

2886076220. 4

Question Number : 59 Question Id : 2886071559 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

ILAC stands for?

- a) Indian Laboratory Accreditation Co-operation
- b) International Laboratory Association Co-operation
- c) International Laboratory Accreditation Co-operation
- d) India Laboratory Association Co-operation

Options :

2886076221. 1

2886076222. 2

2886076223. 3

2886076224. 4

Question Number : 60 Question Id : 2886071560 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

What is the full form of OPD?

- a. Out Patient Department
- b. Onward Patient Department
- c. Omni Patient Department
- d. Osteoporosis Patient Department

Options :

2886076225. 1

2886076226. 2

2886076227. 3

2886076228. 4

Question Number : 61 Question Id : 2886071561 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

What is the full form of IPD?

- a. In Patient Department
- b. In-situ Patient Department
- c. Institutional Patient Department
- d. Indian Patient Department

Options :

2886076229. 1

2886076230. 2

2886076231. 3

2886076232. 4

Question Number : 62 Question Id : 2886071562 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

What does AYUSH stand for?

- a. Ayurveda, Yoga, Unani, Siddha and Homeopathy
- b. Angioplasty, Yoga, Unani, Siddha and Homeopathy
- c. Angioplasty, Yoga, Urinary Treatment, Sclerosis and Histopathy.
- d. Ayurvigyan, Yogasan, Unan, Siddheshwara and Homeotherapy.

Options :

2886076233. 1

2886076234. 2

2886076235. 3

2886076236. 4

Question Number : 63 Question Id : 2886071563 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

What is the current bed availability ratio in India?

- a) 1 bed per 900 patients
- b) 1 bed per 1000 patients
- c) 1 bed per 1050 patients
- d) 1 bed per 1100 patients

Options :

2886076237. 1

2886076238. 2

2886076239. 3

2886076240. 4

Question Number : 64 Question Id : 2886071564 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

What is the average ratio as per WHO of doctor and nurses to number of people?

- a) 2.5 per 1000 people
- b) 2.5 per 10000 people
- c) 3.0 per 1000 people
- d) 3.0 per 10000 people

Options :

2886076241. 1

2886076242. 2

2886076243. 3

2886076244. 4

Question Number : 65 Question Id : 2886071565 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

A cost benefit analysis is performed to assess?

- a) Economic feasibility
- b) Operative feasibility
- c) Technical feasibility
- d) All of the above

Options :

2886076245. 1

2886076246. 2

2886076247. 3

2886076248. 4

Question Number : 66 Question Id : 2886071566 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Hospital design complexities deals with

- a) different user groups
- b) services
- c) building environment
- d) all of the above

Options :

2886076249. 1

2886076250. 2

2886076251. 3

2886076252. 4

Question Number : 67 Question Id : 2886071567 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Wellness in a building is dependent upon

- a) Air quality
- b) Light
- c) Comfort
- d) All of the above

Options :

2886076253. 1

2886076254. 2

2886076255. 3

2886076256. 4

Question Number : 68 Question Id : 2886071568 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Minimum space per person required for a multi-purpose hall in a wellness centre?

- a) 3.0 sqmt
- b) 3.12 sqmt
- c) 4.0 sqmt
- d) 4.5 sqmt

Options :

2886076257. 1

2886076258. 2

2886076259. 3

2886076260. 4

Question Number : 69 Question Id : 2886071569 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

In Rome the first hospital was built in?

- a) 4th Century BC
- b) 4th Century AD
- c) 5th Century BC
- d) 5th Century AD

Options :

2886076261. 1

2886076262. 2

2886076263. 3

2886076264. 4

Question Number : 70 Question Id : 2886071570 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

In ancient India, majorly patients were treated at?

- a) Healthcare center
- b) Temples
- c) Home
- d) Community Hall

Options :

2886076265. 1

2886076266. 2

2886076267. 3

2886076268. 4

Question Number : 71 Question Id : 2886071571 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

The delivery of healthcare services, where distance is a critical factor, by all healthcare professionals using information and communication technologies for the exchange of valid information for diagnosis, treatment and prevention of disease and injuries, research and evaluation and for the continuing education of healthcare providers, all in the interests of advancing the health of individuals and their communities.

As per WHO The above definition is for

- a) Tele medical services
- b) Telehealth care
- c) Telemedicine
- d) Tele medical

Options :

2886076269. 1

2886076270. 2

2886076271. 3

2886076272. 4

Question Number : 72 Question Id : 2886071572 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

The entrance of a PHC should necessarily have:

- a) Staircase
- b) Corridor
- c) Ramp
- d) Verandah

Options :

2886076273. 1

2886076274. 2

2886076275. 3

2886076276. 4

Question Number : 73 Question Id : 2886071573 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

The minimum bed requirement in Community Health Centres is

- a) 35 bedded
- b) 40 bedded
- c) 30 bedded
- d) 50 bedded

Options :

2886076277. 1

2886076278. 2

2886076279. 3

2886076280. 4

Question Number : 74 Question Id : 2886071574 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

As per Indian Public Health Standard what is the dimensions of wards in PHC

- a) 5500 x 3500mm
- b) 4000 x 3500mm
- c) 3500x 5000 mm
- d) 3500 x 4500mm

Options :

2886076281. 1

2886076282. 2

2886076283. 3

2886076284. 4

Question Number : 75 Question Id : 2886071575 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

NHPS stands for?

- a) National Healthcare Provider System
- b) National Hospital Provider System
- c) National Health Protection Scheme
- d) National Hospital Protection Scheme

Options :

2886076285. 1

2886076286. 2

2886076287. 3

2886076288. 4

Question Number : 76 Question Id : 2886071576 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

What is not a part of detailed project report?

- a) Financial statement
- b) Labor deployment
- c) List of medical equipment and specification
- d) CPM chart

Options :

2886076289. 1

2886076290. 2

2886076291. 3

2886076292. 4

Question Number : 77 Question Id : 2886071577 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

What is site planning?

1. Arranging the structures on the land and shaping the spaces in between
 2. Arranging uses of land linked to architecture, engineering, landscape architecture, and city planning
- a) Only 1
 - b) Only 2
 - c) Both 1 and 2
 - d) Neither 1 and 2

Options :

2886076293. 1

2886076294. 2

2886076295. 3

2886076296. 4

Question Number : 78 Question Id : 2886071578 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

SWOT analysis helps organizations/people to identify

- a) Strength Weakness Objectives Tool
- b) Strength Weakness Opportunities Threat
- c) Strength Weakness Ownership Threat
- d) Strength Weakness Objectives Tool

Options :

2886076297. 1

2886076298. 2

2886076299. 3

2886076300. 4

Question Number : 79 Question Id : 2886071579 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

The maximum distance of a dead end of corridor as per NBC is

- a) 10 mts
- b) 6 mts
- c) 12 mts
- d) 8 mts

Options :

2886076301. 1

2886076302. 2

2886076303. 3

2886076304. 4

Question Number : 80 Question Id : 2886071580 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

What is the correct sequence for formulating an IPHS?

1. Putting drafts standard on website
 2. Circulation of draft IPHS
 3. Finalization of IPHS for public health institutions
 4. Constitution of Expert Committee under DGHS
 5. Discussion with members
- a) 1-2-3-4-5
b) 2-1-4-5-3
c) 4-5-2-1-3
d) 4-2-1-5-3

Options :

2886076305. 1

2886076306. 2

2886076307. 3

2886076308. 4

Question Number : 81 Question Id : 2886071581 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Match the following

- | | |
|---|---|
| a. Atomic Energy Act 1962 | 1. Standards & recommendations for buildings |
| b. Lift License | 2. Prevention & Evacuation |
| c. Fire prevention and Fire Safety Act | 3. Designing, installation, operating and de commissioning of the radiation therapy |
| d. Radiation protection Certificate from BARC | 4. To follow important life safety guidelines. |
| e. National Building Code | 5. Safety of patients and the Healthcare workers |
- a) a-3, b-2, c-4, d-1, e-5
b) a-3, b-4, c-1, d-2, e-5
c) a-3, b-4, c-2, d-5, e-1
d) a-3, b-4, c-5, d-2, e-1

Options :

2886076309. 1

2886076310. 2

2886076311. 3

2886076312. 4

Question Number : 82 Question Id : 2886071582 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Reason for the existence of law is

- a) Regulation of behavior of people with the norms of society
- b) Balancing harm caused by offender against the individual and society
- c) Collection and generation of revenue from the masses
- d) All of the above

Options :

2886076313. 1

2886076314. 2

2886076315. 3

2886076316. 4

Question Number : 83 Question Id : 2886071583 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Why is feasibility report created?

- a) Assist in decision making
- b) To calculate number of resources required to complete task
- c) To check if a task can be done with available resource
- d) To list down all the finances
- e) To plan an event
- f) All of the above

Options :

2886076317. 1

2886076318. 2

2886076319. 3

2886076320. 4

2886076321. 5

2886076322. 6

Question Number : 84 Question Id : 2886071584 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Match the following

a) Feasibility/Viability Report

b) Project Preliminary Report

c) Detailed Project Report

d) Daily Progress Report

e) Audits and Valuation Reports

1. Progress of the project up to a certain point in time
2. Assist in decision making
3. Produced after audits
4. Current status of the project
5. Compilation of reports from all departments

a) a-3, b-1, c-4, d-5, e-2

b) a-4, b-1, c-5, d-3, e-2

c) a-2, b-1, c-5, d-4, e-3

d) a-2, b-1, c-4, d-5, e-3

Options :

2886076323. 1

2886076324. 2

2886076325. 3

2886076326. 4

Question Number : 85 Question Id : 2886071585 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

In need assessment situational analysis is done for?

- a) Geographical
- b) Population
- c) Health profile of the region
- d) Socio economic profile of the region
- e) All of the above

Options :

2886076327. 1

2886076328. 2

2886076329. 3

2886076330. 4

2886076331. 5

Question Number : 86 Question Id : 2886071586 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

Match the following for campus development of a medical school

- | | |
|--------------------|--|
| 1. Balanced Growth | a) Precinct fabric to symbolically bring together social and physical structure of the campus. |
| 2. Use | b) Accommodate expansion of specific specialty in conjunction to the existing facility |
| 3. Circulation | c) Peripheral loop structured to serve specified specialty and parking zones. |
| 4. Expansion | d) Co-ordination of academic activities with parts of campus |
| | e) Form of the future expansion with projection for land requirement |

- a) 1-a, 2-b,3-c, 4-d
b) 1-d, 2-b, 3-a, 4-e
c) 1-d, 2-c, 3-a, 4-e
d) 1-d, 2-b, 3-c, 4-e

Options :

2886076332. 1

2886076333. 2

2886076334. 3

2886076335. 4

Question Number : 87 Question Id : 2886071587 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Which concept shall be applied to campuses as per "Dober"

- a) Homogenous
b) Heterogeneous
c) Homogenous or Heterogeneous
d) None of the above

Options :

2886076336. 1

2886076337. 2

2886076338. 3

2886076339. 4

Question Number : 88 Question Id : 2886071588 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

What is the maximum bed allowed in a campus as per Supreme Court of India?

- a) 950 beds
b) 850 beds
c) 700 beds
d) 750 beds

Options :

2886076340. 1

2886076341. 2

2886076342. 3

2886076343. 4

Question Number : 89 Question Id : 2886071589 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

What urban characters have the dense development changed?

- a) The streetscapes
- b) Façade character
- c) Cityscape
- d) Both a and b
- e) All of the above

Options :

2886076344. 1

2886076345. 2

2886076346. 3

2886076347. 4

2886076348. 5

Question Number : 90 Question Id : 2886071590 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

The role of urban design in hospitals is to:

- 1. Creating an environment which is people friendly and connects to nearby community
 - 2. Creating an environments which attracts patients due to its aesthetics
 - 3. Organizing wayfinding to aid patients smooth movement
- a) Only 1
 - b) Only 3
 - c) 1 and 2
 - d) 1 and 3
 - e) 2 and 3

Options :

2886076349. 1

2886076350. 2

2886076351. 3

2886076352. 4

2886076353. 5

Question Number : 91 Question Id : 2886071591 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

Match the following

1. Built & open relationship
2. Legibility & Wayfinding
3. Signages
4. Accessibility
5. Safety & Security

- a) Language signs, warning signs & directional signs
- b) Visual clues, materials, ease to visitors
- c) Provision of ramps
- d) Open structure & built form for legibility
- e) Provision of lifts and escalators
- f) Lighting & CCTV Cameras

- a) 1-a, 2-b, 3-c, 4-d, 5-e
- b) 1-d, 2-b, 3-a, 4-c, 5-f
- c) 1-d, 2-b, 3-a, 4-e, 5-f
- d) 1-a, 2-b, 3-c, 4-e, 5-f

Options :

2886076354. 1

2886076355. 2

2886076356. 3

2886076357. 4

Question Number : 92 Question Id : 2886071592 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

Match the following

1. Rehabilitative Garden
2. Meditative Garden
3. Therapeutic Garden
4. Healing Garden

- a) Designed to promote recovery and improvement in overall health and well-being
- b) Designed precisely to meet the needs of people with a certain medical condition or disease
- c) Designed to support the inner thought process
- d) Based on rehabilitation in the environment
- e) Designed to restore and regenerate after stressful situations

- a) 1-a, 2-c, 3-b, 4-e
- b) 1-d, 2-c, 3-b, 4-a
- c) 1-e, 2-c, 3-b, 4-a
- d) 1-a, 2-c, 3-b, 4-d

Options :

2886076358. 1

2886076359. 2

2886076360. 3

2886076361. 4

Question Number : 93 Question Id : 2886071593 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Choose the odd one out:

- a. Architect
- b. Hospital Administrator
- c. Beautician
- d. Facility Managers

Options :

2886076362. 1

2886076363. 2

2886076364. 3

2886076365. 4

Question Number : 94 Question Id : 2886071594 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

Fill in the blanks: The Emergency Department needs a _____ entrance

- a. Independent
- b. Combined
- c. Back door
- d. Closed

Options :

2886076366. 1

2886076367. 2

2886076368. 3

2886076369. 4

Question Number : 95 Question Id : 2886071595 Question Type : MCQ Option Shuffling : No
Correct Marks : 1 Wrong Marks : 0

What is the full form of ENT?

- a. Eastern Northern Terminal
- b. Established Natal Treatment
- c. Early Natal Treatment
- d. Ear Nose Throat

Options :

2886076370. 1

2886076371. 2

2886076372. 3

2886076373. 4

Question Number : 96 Question Id : 2886071596 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

What is the full form of ICU?

- a. Internal Cardio Unit
- b. Internalised Cardio graphic Unit
- c. Intensive Care Unit
- d. Internal Care Unit

Options :

2886076374. 1

2886076375. 2

2886076376. 3

2886076377. 4

Question Number : 97 Question Id : 2886071597 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

What is the full form of NICU?

- a. Neonatal Intensive Care Unit
- b. Natality in Children Unit
- c. Neonatal Internal Conditioning Unit
- d. National Intensive Cardiography Unit

Options :

2886076378. 1

2886076379. 2

2886076380. 3

2886076381. 4

Question Number : 98 Question Id : 2886071598 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

What is the full form of CSSD?

- a. Central Sterile Supplies Department
- b. Cardio Sclerosis Syndrome Dialysis
- c. Central Sanitation Supply Department
- d. Cardio and Spinal Supply Department

Options :

2886076382. 1

2886076383. 2

2886076384. 3

2886076385. 4

Question Number : 99 Question Id : 2886071599 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

What is the full form of AHU?

- a. Air Handling Unit
- b. Allopathic and Homeopathic Unit
- c. Aeration and Hydrological Unit
- d. Angioplastic Handling Unit

Options :

2886076386. 1

2886076387. 2

2886076388. 3

2886076389. 4

Question Number : 100 Question Id : 2886071600 Question Type : MCQ Option Shuffling : No

Correct Marks : 1 Wrong Marks : 0

What is the full form of IPHS?

- a. Indian Public Health Standards
- b. International Preclinical Health Standards
- c. International Public Healthcare Standards
- d. Intense Pulmonary Histogram Study.

Options :

2886076390. 1

2886076391. 2

2886076392. 3

2886076393.4