



# CBSCS SCHEME

21SFH19

Question Paper Version : D

First Semester B.E./B.Tech. Degree Examination, Feb./Mar. 2022

## Scientific Foundations of Health

(COMMON TO ALL BRANCHES)

[Time: 1 hr.]

[Max. Marks: 50]

### INSTRUCTIONS TO THE CANDIDATES

1. Answer all the fifty questions, each question carries ONE mark.
2. Use only **Black ball point pen** for writing / darkening the circles.
3. For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the OMR sheet.
4. Darkening two circles for the same question makes the answer invalid.
5. **Damaging/overwriting, using whiteners** on the OMR sheets are strictly prohibited.

1. How is substance use disorder treated?  
a) Multiple types of treatment  
b) Recognition of problem  
c) Alcohol drinking  
d) both a & b
2. Hyper obesity value in terms of BMI  
a)  $> 25$       b)  $< 25$       c)  $\geq 40$       d) None of these
3. Definition of over weight  
a)  $BMI > 25 \text{ kg/m}^2$   
b)  $BMI = 25 \text{ kg/m}^2$   
c) BMI is 25 to  $< 29.9 \text{ kg/m}^2$   
d) BMI is  $18.5 < 25 \text{ kg/m}^2$
4. Obesity increases the risk of developing?  
a) Type 2 diabetes      b) Cancer  
c) Cardio vascular diseases      d) None of these
5. Communication is a part of \_\_\_\_ skills  
a) Soft      b) Hard      c) Rough      d) Short

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6. What are the steps to improve vocal clarity  
a) Keep you language simple  
b) Slow down during conversation  
c) Feed back  
d) Both a & b
7. Way to improve communication skills are  
a) Active listening skills      b) Passive listening skills  
c) Both a & b      d) None of these
8. WHO principles includes  
a) Development of child      b) Health fundamental right  
c) Promotion and protection of Health      d) All of the above
9. Is addiction a  
a) Mental disorder      b) Physical disorders  
c) Both a & b      d) None of the above
10. WHO stands for  
a) World Health Organisation  
b) World Honest Organisation  
c) World Happy Organisation  
d) World Hockey Organisation
11. What causes tunnel vision?  
a) Smoking      b) Alcohol  
c) Barbiturates      d) Vitamin A deficiency
12. After drinking alcohol, consumption of this leads to death  
a) Morphine      b) Opium  
c) Barbiturates      d) All of these
13. This causes maximum accumulation of fat in the liver  
a) meat & egg      b) alcohol  
c) saturated fat      d) starch
14. Wellness dimensions are  
a) 4      b) 2      c) 6      d) 8
15. Emotional well being includes  
a) Stress situation management      b) Smoking  
c) Drinking alcohol      d) None of these

16. Deficiency of Vitamin B complex causes  
 a) Dermatitis  
 b) Peliagra  
 c) Rickets  
 d) Scurvy
17. In hypermetropia, distinct image of the object forms  
 a) Behind the retina  
 b) In front of retina  
 c) No image is formed  
 d) Depends on age of person
18. Pelvis consists of \_\_\_ number of bones  
 a) 3  
 b) 4  
 c) 5  
 d) 6
19. Which food has maximum biological value for proteins?  
 a) Soya bean  
 b) Egg  
 c) Meat  
 d) Fish
20. Which part of an eye can be transplanted?  
 a) Retina  
 b) Cornea  
 c) Optic nerves  
 d) Complete eye
21. Breathing rate in human beings is  
 a) 36/min  
 b) 12 to 20 per minute  
 c) 72/min  
 d) 20 to 30 per minute
22. Which of the following is not a hereditary disease?  
 a) Haemophilia  
 b) Hypertrichosis  
 c) Encephalitis  
 d) Thalassemia
23. Osteoporosis is caused by deficiency of  
 a) Vitamin A  
 b) Vitamin B  
 c) Vitamin C  
 d) Vitamin D
24. Hepatitis is caused due to  
 a) Infected blood transfusion  
 b) Use of Contaminated water  
 c) Addiction of drug  
 d) Dialysis
25. Widal test is performed  
 a) to identify the typhoid fever  
 b) to identify AIDS  
 c) to identify causes of diarrhea  
 d) to identify the causes of dysentery
26. Antibiotics are used or administered for the purpose  
 a) to reduce pain.  
 b) to reduce edema  
 c) to prevent infection  
 d) to relieve fever

27. Percentage of water in the average adult human body is  
 a) 80 %  
 b) 60 %  
 c) 40 %  
 d) 90 %
28. What does 'Morality' refer to?  
 a) Death  
 b) Illness  
 c) Health  
 d) Morbidity
29. Which of the following is a viral disease?  
 a) Diphtheria  
 b) Filiciasis  
 c) Leprosy  
 d) Influenza
30. Communication barriers involves  
 a) Jumping into the conclusion  
 b) Arguing a debating  
 c) Fear of offending  
 d) All of the above
31. Body language plays an important role in  
 a) Communication  
 b) Judgment  
 c) Both a & b  
 d) None to these
32. Both \_\_\_ consumption are legally restricted to particular circumstances and age groups  
 a) Smoking & Alcohol  
 b) Drug & Smoke  
 c) None  
 d) Both a & b
33. Which law relates to a Person's right to choose whether they want treatment or not?  
 a) The misuse of Drugs Act 1971  
 b) The Health and Safety at work Act 1974  
 c) Mental Capacity Act 2005  
 d) Medicines Act 1968
34. Which of the following diseases has been eradicated?  
 a) Small pox  
 b) Rinder pest  
 c) Polio  
 d) All of the above
35. Carcinoma arises from the  
 a) Epithelial cells  
 b) Bone marrow  
 c) Pigment containing cells  
 d) None of the above
36. What is a Nuclear Family?  
 a) Guardians and pets  
 b) Grandparents & no kids  
 c) Parents and their Children  
 d) Animals & Siblings



