

## OH Final archive 2021/2022

**1- All of the followings are injuries that can infect the health care staffs except?**

Stress

Fire

Back pain

Violence

Dysbarism

**2- Which place/ site is the highest prevalence of Nosocomial infection occur?**

Intensive care units

**3- One of the following is a re-emerging disease?**

TB

**4- Which of the following is not one of the Most common nosocomial infections?**

Surgical site infection

Urinary infection

Respiratory infection

Vascular catheter infection

Latex

**5- Health care staff may get infected with HIV through?**

Needle Stick Injuries

**6- Nosocomial infection means?**

Hospital acquired infection

**7- Nosocomial infection is Any infection that admitted in hospital for?**

(After 2 days - 4 days)

**8- What is the Near Miss?**

-An event, not accident for unexplained reasons

-An event that occurred, did not harm, but has the potential for injury and ill

**9- Respirable dust, responsible for pneumoconiosis, has a size limit of?**

a. 5 micron

b. Less than 10 micron

c. 15 micron

d. Less than 5 micron

e. Less than t50 micron

**10- Which is not included in pneumoconiosis?**

a. Asbestosis b. Bagassosis c. Anthracosis

d. Silicosis e. Psittacosis

**11- Silicosis occurs With exposure to?**

a Cotton

b. Sugarcane fibres

c Carbon particles

d. Silica fibres

e Hydrated magnesium silicate

**12- Particle size (in micron) at which the dust particles gets lodged In the respiratory tract?**

a. 0.5-3

b. 5.10

c. 0.5-.0.1

d. 3-5

e. 1-5

**13- A 40-year-old man. working in a coal mine for 15 years developed cough, dyspnoea on exertion and chest pain. His chest X-ray showed 'shaggy heart' appearance. The most likely diagnosis is?**

- a. Anthracosis
- b. Silicosis
- c. Asbestosis
- d. Siderosis
- e. Byssinosis

**14- Regarding Asbestosis one statement is true?**

- a. Clubbing of the Fingers is a known feature
- b. Tissue biopsy is required for diagnosis
- c. Radiographic abnormalities are more common in upper lung zone
- d. Chest radiography showing Eggshell calcification
- e. Lung function test normally revealed obstructive pattern

**15- All of the following features are suggestive of asbestosis except?**

- a. The disease progresses even after removal of contact
- b. Occurs within five years of exposure
- c. Can lead to pleural mesothelioma
- d. Sputum contains asbestos bodies
- e. Presence of bilateral basal late inspiratory crepitation

**16- one of the following is an occupational lung disease, but not pneumoconiosis? Select one:**

- a. Brucellosis
- b. Silicosis
- c. Anthracosis
- d. Byssinosis
- e. Bagassosis

**17- Occupational exposure to cotton dust causes?**

**Select one:**

- a. Byssinosis
- b. Bagassosis
- c. Anthracosis
- d. Silicosis
- e. Asbestosis

**18- Silicosis affects?**

**Select one:**

- a. Lower lobes of lungs
- b. Upper and lower lobes of the lung
- c. Hilum of lungs
- d. Upper lobes of lungs
- e. Not affects lung lobs

**19- Minimum duration to developing coal miner's pneumoconiosis is?**

**Select one:**

- a. 2-4 years
- b. 10 months
- c. 4-6 years
- d. 8 years
- e. More than 10 years

**20- case of poly-neuropathy occurred as a result of exposure to a mercury, one of the following is the correct result of his urinary mercury level?**

- a. 37 micrograms of mercury/gram of creatinine in the urine
- b. 35 to 50 micrograms/gram of creatinine
- c. 105 micrograms/gram of creatinine
- d. 100 micrograms/gram of creatinine
- e. 50 micrograms/gram of creatinine

**21- Maximum permissible level of occupational exposure to mercury is?**

- a. 0.01 mg/cubic meter of air averaged
- b. 0.04 mg/cubic meter of air
- c. 0. 4 mg/cubic meter of air
- d. 1 mg/cubic meter of air averaged
- e. 0. 1 mg/cubic meter of air averaged

**22- Mercury poisoning in industries commonly occurs through except?**

- a. Ingestion
- b. Skin absorption
- c. Inhalation
- d. sexual
- e. Faecal-oral

**23- All are correct Lead levels in non-exposed person EXCEPT?**

- a. Lead level in urine 0.2 mg/L
- b. Coproporphyrin in urine is <150 µg/L
- c. Amino levulinic acid in urine is ≤ 5mg/L
- d. Lead level in blood > 75 µg/100ml
- e. Lead level in blood is 3 µg/dL

**24- All are true about Lead poisoning EXCEPT?**

**Select one:**

- a. The greatest source is drinking water from lead pipes
- b. Can cause blue Line on gums
- c. Coproporphyrin measurement in urine, is a useful screening test
- d. In acute lead poisoning, death may occur within few days
- e. Exposure to different types of a lead compound shows a different clinical picture

**25- Lead poisoning in industries commonly occurs by?**

**Select one:**

- a. Faecal-oral
- b. Skin absorption
- c. Ingestion
- d. Conjunctival route
- e. Inhalation

**26- The useful screening test for lead is the measurement of?**

**Select one:**

- a. Coproporphyrin in urine
- b. Amino-laevulinic acid in urine
- c. Lead in blood
- d. Lead in urine
- e. Basophilic stippling of RBC

**27- The clinical symptoms of lead toxicity are associated with blood levels of?**

- a. 25 mg/100ml blood
- b. 30 mg/100ml blood
- c. 40 mg/100ml blood
- d. 50 mg/100ml blood
- e. 70 mg/100ml blood

- 28- **Most common heavy metal poisoning in the world? Select one**
- a. Lead
  - b. Arsenic
  - c. Mercury
  - d. Cadmium
  - e. Iron
- 29- **What is the denominator of accident frequency rate?**
- Average man hours work
- 30- **One of the following is not involving in Health education and counselling at a workplace?**
- a. A safety engineer
  - b. An industrial hygienist
  - c. An industrial physician
  - d. An occupational nurse
  - e. A toxicologist
- 31- **One of the following is not included within the activities of the occupation health program?**
- a. Promoting the workers' health
  - b. Protecting the general environment of the community
  - c. Diagnosis and treatment of the occupational diseases
  - d. Providing special care for vulnerable groups of workers particularly women and children
  - e. Maintenance of a healthful work environment
- 32- **One of the following is not an activity of Hygienic prevention? Select one:**
- a. Establishment of good ventilation
  - b. investigating the cause of workers' absenteeism.
  - c. Provision of good sanitary facilities as washing, changing clothes
  - d. Supplying personal protective equipment (PPE)
  - e. Detection and evaluation of the environmental pollutants
- 33- **The occupational physician plays all the following roles, EXCEPT? Select one:**

- a. Conducting a health education
- b. Assessing the degree of any disability resulted from occupational diseases and injuries
- c. Calculation of the required compensation for disability
- d. Referring non-occupational chronic diseases to a specialist.
- e. inspecting the different departments of the factory, periodically

**34- Engineering methods of prevention including all, EXCEPT?**

- a. Substitution of hazardous substance
- b. Enclosure, machine guarding
- c. Mechanization of heavy work process
- d. Isolation of hazardous process
- e. Periodic inspection of the different departments of the factory

**35- All the following are the importance of keeping health record for each employee EXCEPT?**

- a. for detecting morbidity and/or mortality rates of a health problem
- b. for the planning of industrial health program
- c. for factory's budget estimation
- d. for industrial health program evaluation
- e. for detection of the trends of health and/or disease

**36- Which of the following not true about silico-tuberculosis?**

- a. High positive AFB in sputum
- b. Children of cases cannot develop the disease
- c. Affect total lung capacity
- d. Snow-storm appearance

**37- Definition of risk?**

- a. The probability that harm will occur in the presence of Hazard

**38- What is the atmospheric pressure at 20 m under sea level?**

- a. 3 ATM

**39- A community in town X are exposed to nuclear leakage from the nuclear plant nearby, what is this type of exposure?**

- a. Stochastic ??
- b. Non-stochastic
- c. Timed

**40- Maximum radiation exposure limit in a single year is?**

- a. 50 msv

**41- Definition of Acclimatization?**

- a. Beneficial physiological changes in hot temperature
- 42- All of the following are principles of occupational health and safety except?**
- a. Training
  - b. Compensation
  - c. Information system
  - d. National health insurance system ??
- 43- Which of the following disease you can't get from animal products?**
- a. anthrax
  - b. brucellosis
  - c. anthracosis
- 44- A miner working in coal mines for 15 years, He had cough, expectoration and dyspnea..... on chest x ray black fibrosis was seen?**
- a. Anthracosis
- 45- Which is wrong about PPE?**
- a. biological contaminated ppe are cleaned and reused
  - b. use disposable ppe
  - c. damaged ppe should be thrown away
  - d. proper maintenance and storage of ppe
- 46- Which of the following is periodic ergonomic surveillance concerned with?**
- a. Checks on workers who are assigned to positions involving exposure of a particular body part to ergonomic stress
  - b. education about ergonomic hazards
  - c. wearing masks
- 47- Which of the following doesn't get in contact with animal products?**
- a. pest control worker
  - b. farmer
  - c. meat packers
  - d. butchers
  - e. cargo handlers
- 48- All of the following are engineering prevention of biological hazards except?**
- a. getting rid of biological hazards
  - b. prevent loss of time and effort ??
  - c. ventilation
  - d. negative pressure room
  - e. education and ... ??
- 49- Which of the following is not associated with work-related disease?**
- a. It is a compensable disease (can give compensation for it)
  - b. Affects all community

- c. Multifactorial
- 50- **Occupational exposure to sugar cane dust is called?**  
a. Bagassosis ✓
- 51- **All of the following are employee generated changes that indicate ergonomic problems except**  
a. Eating in office to save time ✓
- 52- **All of the following are ergonomic problems indicators expect?**  
a. Repetitive motion ✓
- 53- **LD50 stands for?**  
a. median dose at which 50% of test animals will die ✓  
b. maximum dose .....  
c. mean dose .....
- 54- **Definition of Latency?**  
a. period of time from exposure to start of disease ✓  
b. period of time of incubation period
- 55- **All are ways of heat transfer from worker to his surroundings except?**  
a. convection  
b. radiation  
c. evaporation  
d. conduction  
e. combustion ✓
- 56- **The minimum dose needed to cause a disease?**  
a. Threshold ✓
- 57- **Which of the following is not associated with cognitive reaction to work stress?**  
a. Diminished motivation ✓  
b. less problem solving  
c. less effective thinking
- 58- **All of the following are emotional reactions to work stress except?**  
a. loss of attention ✓  
b. fear  
c. depression  
d. anger
- 59- **in Chelating therapy all of the following are considered except**  
a. Blood level of lead  
b. Biochemical and hematologic disturbances  
c. Severity of symptoms  
d. Duration of exposure ✓  
e. discontinue exposure before starting therapy

- 60- All the following is correct about lead exposure levels except?
- Levels above 80 are extremely dangerous
  - Levels 40-80 are seriously elevated
  - Levels 25-40 are elevated
  - Less than 10 are non-exposed
  - Mean level for adults is 5 ✓
- 61- Egg-shell calcifications are seen in?
- Silicosis ✓
- 62- Regarding the managing of work-related Stress, all of the following are related to the changes in the organization of work and organizational culture EXCEPT? Select one:
- Introducing job enlargement
  - Redistributing work among colleagues
  - Using appropriate machines or equipment ✓
  - Providing clear job descriptions or tasks
  - Ergonomic improvements in the workplace
- 63- Where does the nitrogen in nitrogen narcosis goes?
- kidney
  - liver
  - brain ✓
- 64- All of the following happens in nitrogen narcosis except?
- loss of consciousness
  - lack of muscle coordination
  - loss of intellectual thinking
  - aggressive behavior ✓
- 65- Which of the following is incorrect in regards to silicosis?
- Crystalline silica has non-toxic pulmonary effects ✓
  - Basilar emphysema
- 66- The effects of dust and pneumoconiosis depends on all of the following except  
(مش هيك الصياغة)
- Ethnicity of the person ✓
  - Fineness of dust
  - Chemical composition
- 67- All of the following are objectives of ergonomic design except?
- Increasing salary of employees ✓
- 68- Ergonomic design is characterized by (or objective)
- Making tasks more compatible with the worker ✓
- 69- All of the following are functions of risk except?

- a. Hazard
- b. Exposure
- c. Dose
- d. Duration
- e. Effect

**70- All of the following are preventative measures against mercury except?**

- a. Working on a porous surface

**71- Definition of occupational accident**

- a. a random, mostly uncontrolled event having low level of expectedness, avoidability and intention

**72- Rinne's test is performed over**

- a. Mastoid bone

**73- According to Boyle's law, when pressure on a gas increase?**

- a. Volume decreases

**74- Which of the following is incorrect regarding Benign pneumoconiosis?**

- a. There is a reaction in the lung
- b. No fibrosis
- c. No lung function disturbance
- d. Siderosis is an example
- e. Small rounded opacities

**75- Which of the following is incorrect regarding major pneumoconiosis?**

- a. Does not affect lung function

**76- Revision of safety control strategy should be done**

- a. Every 1 year
- b. Every 2 years

**77- All the following are the engineering controls of occupational exposure to toxic metals, Except one? Select one**

- a. Adequate local exhaust ventilation system to remove dust & fumes
- b. Adequate washing facilities in the industry
- c. Isolation of the processes which give rise to harmful effects
- d. Substitution of toxic materials
- e. Modification of the equipment and/or process

