

# Pathology And Microbiology-2

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Q → 1

Ans:- Part-“A”

Diagnosis:

(Herpes Zoster (Shingles))

Part-“B”

Sign and Symptoms:-

- Vomiting
- Stress
- Varicella – zoster virus.
- Weak immune system.
- Burnine, Pain and Iching.

Part-“C”

Risk Factors:

- More common in female gender.
- Risk increase due to increasing with age.
- Due to severe illness.
- Due to cancer treatment.
- Due to steroids.

Part-“D”

Management and Prevention:

- Stay wash hands.
- Take care of proper soods.
- Protect the rash
- Take Antiviral vaccines.
- Stay away from touching the rash.



Q → 2

Ans:- Part “A”

“3<sup>rd</sup> degree of burn”

Part “B”

Etiology:

- It is due electric current.
- It is due to dry heat like steam.
- It is due to fire.
- Due to prolong exposure to the radiation, such as X-Rays & ultra violet radiation.
- Due to acid, such as strong acid.

Pathophysiology:

- This term mean a normal body function became abnormal.
- Because as burn, pain and swelling occur.
- Due to burning scars are formed.
- Inflammatory reaction happen due to rapid oedema formation on the area of burned.
- Contracture occurred.

- Circulation is decrease.
- Decrease plasma volume.
- Nerve sensation is lose.
- Compartment syndrome occure.

**Part “C”**

**Assessment of burns:**

- First of all asses the airways for breathing.
- Enhance the circulation.
- Asses airway.
- We follow the rule of nine.
- Expose burned area.

**Part “C”**

**Causes of Deaths:**

- Death causes due to shock.
- Due to kidney failure.
- Due to respiratory failure.
- Due to Block of airways.
- Because of pulmonary oedema.



**Q → 3**

**Ans:- Part “A”**

**“Malignant”**

Melanoma is a type of skin cancer in which the abnormal cell cut growth occur.

- ⇒ Block, brownish mole appears on skin.
- ⇒ When the border of the mole is irregular it may leads to malignant Melanoma.
- ⇒ Melanoma are usually large in size.
- ⇒ It is in nodular form.
- ⇒ Superficial spreading occur.
- ⇒ Melanocytes are formed in basal epithelium.
- ⇒ Cancerous growth of melanocyte result in cancer.

**“Skin Cancer”**

- ⇒ Any unusual which can’t see on naked eye.
- ⇒ The area might be become swollen, scaly or being to oozing blood.

**1) Actiwe**

Keratosis: scaly growth occur which is exposed to sun e.g Face, lips hand.

**2) Squamous cell carcinoma:**

2<sup>nd</sup> most common type of cancer.

- ⇒ Can be sound in any part of the body due to sun.
- ⇒ It not treated it becomes fatal.

**3) Basal cell carcinoma:**

Form in outer most type of the skin. It can’t spread.

**Part “B”**

**Prognosis:**

Skin cancer is curable it initial stage.

- It can be treated if not completely spread.
- 4<sup>th</sup> stage can’t be treated.
- Radiation.
- Chemuthrapy.
- Imunollraphy.
- If the cancer is fatal then it cannot be treated.

**Work up Plan:**

- Use sunbloct.
- Use full selves cloths
- Sun glasses.
- If in history regular check up to if doctor.

