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Section. : B  
Assignment. : Pathology

Ans no1:- Shock:- Shock is defined as a condition in which systemic blood pressure is inadequate to deliver oxygen and nutrients to support vital organ and cellular function .

Type of Shock:-

- 1) Neurogenic shock:- This is due to peripheral vasodilatation and peripheral pooling of the blood.
- 2) Hypovolumic shock:- Hypovolumic shock due to decrease of blood volume.
- 3) Cardiogenic shock:- Due to Failure of the heart.
- 4) Septic Shock:- When infections is severe it releases chemical mediator which effect the microcirculation resulting in Failure of peripheral resistance and endings in Failure of the heart.
- 5) Anaphylactic shock:- Due to antigen antibody reaction that leads to failure of peripheral resistance.

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Ans no2:- Granulomatous inflammation:-

. Granulomatous inflammation may be defined as a type of chronic inflammation in which a compact collection of cells of the mononuclear phagocyte system chiefly activated macrophages and cells derived from them are predominant. Eosinophils are usually present in parasitic and fungal granulomas.

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Ans no3 :- Effect of uses of tobacco on health:- Smoking causes cancer, heart diseases, stroke, lung diseases, diabetes, and chronic obstructive pulmonary diseases ( COPD) , which includes emphysema and chronic bronchitis. Smoking also increases risk for tuberculosis certain eye diseases, and problem of the immune system, including rheumatoid arthritis.

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Ans no4:- Malignant tumor:- Malignant tumors are cancerous. They develop when cells grow uncontrollably. If the cells continue to grow and spread the disease can become life threatening. Malignant tumors can grow quickly and spread to other parts of the body in a process called metastasis.

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Ans no5:- Haemorrhage:-\* It refer to a large amount of bleeding in a short time.

Sign and symptom of Haemorrhage:-

- \* Pale face and lips.
- \*cold clammy skin.
- \* faint and dizzy.
- \*Rapid and weak pulse (thready) .
- \* Respiration are rapid and shallow.
- \* Air hunger.
- \* Subnormal temperature.
- \* Restless.

THE END

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