

GPAT QUESTION PAPER 2011 WITH ANSWER KEY

GPAT QUESTIONS

1. A glycoalkaloid
[P] Contains sulphur in addition to nitrogen in its molecule
[Q] Is glycosidic in nature.
[R] Can be hydrolysed to an alkaloid.
[S] Always contains endocyclic nitrogen in its molecule.
(a) P&R (b) Q&S (c) Q&R (d) P&Q
2. Which of the following statements are true for ginseng root
[P] It is among the most traded plant material of Brazil
[Q] It is obtained from *Panax ginseng* and *Panax quinquefolium*
[R] It is obtained from young plants of six months to one year age
[S] It contains derivatives of protopanaxadiol
(a) P&Q (b) R&S (c) Q&R (d) Q&S
3. Which of the following drugs is a triterpenoid containing root?
(a) Valerian (b) Brahmi (c) Satavari (d) Adusa
4. Which of the following alkaloids is derived from tyrosine
(a) Quinine (b) Morphine (c) Atropine (d) Ephedrine
5. The following options carry the name of the plant, part used and its family. Find awrong combination.
(a) *Aegle marmelos*, fruit & Rutaceae
(b) *Conium maculatum*, fruit & Umbelliferae
(c) *Glycyrrhiza glabra*, root and stolon & Leguminosae
(d) *Strophanthus gratus*, seed & Scrophulariaceae
6. Anomocytic stomata, trichomes with collapsed cell and absence of calcium oxalate crystals are some of themicroscopic features of which plant
(a) Digitalis (b) Hyoscyamus (c) Mentha (d) Senna
7. Each of the following options lists the name of the drug, its class, pharmacologicalaction and plant source.Choose an option showing a wrong combination.
(a) Asafoetida, oleo-gum-resin, anti-flatulence, *Ferula foetida*
(b) Benzoin, balsam, antiseptic, *Styrax benzoin*
(c) Myrrh, gum-resin, antiseptic, *Commiphora wightii*
(d) Papaine, enzyme, proteolytic, *Carica papaya*

Rgpv Question Paper 2011

Michal Rosen-Zvi



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