

Date: 04-07-2013

0713 E032

Second Year MBBS Examination

II MBBS Pharmacology Paper 2

Time: 2 hours

Max Marks: 40

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

Section 1

1. Give an account of any TWO of the following

(10)

a) What is Artemisinin combination therapy (ACT)? Explain the rationale for combining the drugs in ACT to treat malaria. State any 2 ACT regimens available in India.

(A. 833, B. 780)

b) Insulin analogues. (A. 264, B. 882)

c) Direct thrombin inhibitors. (A. 620, 476)

2. Write Short notes of (any three)

(12)

a) Indications and adverse reactions

parenteral iron therapy (A. 604, B. 494)

b) Drugs for hepatic amoebiasis (A. 843, B. 788)

c) Drugs for psoriasis (A. 891, B. 1013)

d) Drugs for thyrotoxic crisis (A. 256, B. 872)

3. Discuss Any Three

(12)

a) Mechanism of action and adverse

reaction of oral contraceptives (A. 323, B. 955)

b) Explain the pharmacological basis for use of dietary fibers as laxatives. State the indication for their use. (A. 672, B. 607)

c) Mechanism of action, routes of administration for oxytocin. (A. 329, B. 630)

d) Mechanism of action and therapeutic uses of fluoroquinolones. (A. 710, 711, B. 647)

4. Write Answer to the point in two or three sentences; (any six)

(6)

a) Why trastuzumab is used in combination with chemotherapy for patients with breast cancer? (A.871,8.829)

b) Why rifabutin is preferred in anti-TB

regimen for HIV positive patients taking protease inhibitors? (A. 778, B. 755)

c) Daily folic acid is recommended for all women in reproductive age, why? (A. 610, B. 507)

d) Why sildenafil should not be prescribed to patient taking nitrates in any form? (A. 542, B. 972)

e) It is recommended that Tdap vaccine should be given between 27 and 36 weeks of pregnancy. State the rationale for this recommendation.

f) Why praziquantel is preferred over niclosamide in the treatment of Taenia solium infection?(A.855,8.813)

~~g) What is 'red man syndrome? How can it~~

be prevented?(A. 757, B. 669)

h) Which vitamin K preparation should not be used in neonates with vitamin K deficiency? Why? (A. 616,B. 487)

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