Postgraduate Medical Journal Christmas Quiz

Closing date: 31 January 1997

Entries: post or fax your typed answers to the Editor at the address below, giving a contact address and telephone number

Prizes: five prizes of a free annual subscription (12 issues) to the *Postgraduate Medical Journal* will be awarded to the first five entries drawn from those with the correct answers. The answers will be published in the March 1997 issue of the journal. Prizewinners will be notified by post and their names published in the May 1997 issue of the journal

Questions

1 Which condition is due to cystathionine synthetase deficiency, and may lead to occlusive arterial disease and thromboembolism, even in early infancy?

2 What is the condition shown in figure 1 in a 52-year-old man with acute pancreatitis and visual loss?

3 Of what is the following the definition – ‘the systemic inflammatory response to infection caused by any class of microorganisms with the invasion of these microorganisms or their toxins in the bloodstream causing illness’.

4 Describe three ways in which the pattern of bony abnormalities in spinal tuberculosis may vary between Caucasians and non-Caucasians.

5 What condition is the third most common cardiovascular disorder after acute coronary syndromes and stroke, with 50 000 deaths annually in the US alone?

6 Name five conditions which may mimic cardiac infarction on an ECG.

7 What is shown in figure 2

8 What do the following initials stand for?

(a) MRCP (not Membership of the Royal College of Physicians)

(b) HMPAO

(c) TOCP

9 How many cases of paralytic poliomyelitis were there in England and Wales between 1985 and 1991?

10 Who, at the age of 85, published an article on the serum treatment of patients with pneumococcal pneumonia?

11 What is the commonest single condition prompting the new referral of prisoners to visiting consultant physicians by medical officers in HM Prisons?

12 Of what is the following the definition – ‘a group of patients who are disease-free or at an easily identified point early in the illness when enrolled in a study’?

13 What are the four most common causes of heart failure in the elderly?

14 What do the following initials stand for?

(a) MMM

(b) VLCFA

(c) GPEP

15 Born in Austria, emigrated to the US and became Professor of Neuropsychiatry. Later described a syndrome of finger agnosia, right-left disorientation, dyscalculia and dysgraphia. Who was he?

Figure 1

Figure 2

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CRK Hind,
Editor

Figure 3

Figure 4

16 What is the most likely cause of the changes seen on the blood film in figure 3?

17 What is causing the abnormality marked by the arrow on the Doppler ultrasound shown in figure 4?

18 Which other skeletal feature is most commonly associated with the syndrome characterised by rudimentary or absent nails, poor development of the radial head and bilateral iliac horns?

19 The side-effects of which drug include *de novo* formation of gallstones in 20–30% of patients, a decrease in glucose tolerance, flatulence and fatty stools?

20 Name four precipitating factors in porphyria.