

MCQ's

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Choose the appropriate answer

- 1- Which type of hypersensitivity is patch test?
 - a- I
 - b- II
 - c- III
 - d- IV
- 2- Clinically P.T. is represented by all of the following except:
 - a- Contact hypersensitivity dermatitis.
 - b- Response to insect bite.
 - c- Lepromin test.
 - d- Urticaria.
- 3- In P.T. the antigen could be:
 - a- Protein.
 - b- Carbohydrate.
 - c- Nickel.
 - d- All of the above.
- 4- The patch test is read after:
 - a- 2 hours.
 - b- 24 hours.
 - c- 48 hours.
 - d- 72 hours.
 - e- b, c, d.
 - f- c, d.
- 5- The patch test site is usually the:
 - a- Back.
 - b- Lower abdomen.
 - c- Forearms.
 - d- Legs.
- 6- Standardized atopy patch test is applied on Finn chamber size:
 - a- 8mm
 - b- 10mm
 - c- 12mm
 - d- 14mm
- 7- Unwanted side effects of atopy patch test occurred in:
 - a- 2.9%
 - b- 3.5%
 - c- 5.2%
 - d- 7.9%
- 8- IgE characterized by all of the following except:
 - a- M.W 200.000
 - b- It does not pass through the placenta.
 - c- It does bind complement.
 - d- Has a half life of two days.
- 9- Type I allergic reaction occurs in all except:
 - a- Rheinitis.
 - b- Bronchial asthma.
 - c- Contact dermatitis.
 - d- Urticaria.
- 10- P.T cannot be done:
 - a- On excoriated skin.
 - b- On sites treated with steroids.
 - c- If the patient has AIDS.
 - d- If the patient has sarcoidosis.
 - e- a, b.
 - f- All of the above.
 - g- All except d.
- 11- Serum IgE level is increased in patient suffering from:
 - a- Atopic dermatitis.
 - b- Selective IgA deficiency.
 - c- Idiopathic.
 - d- Leiner syndrome.
 - e- Parasitic infection.
 - f- Malignancy.
 - g- All of the above except b & f.
 - h- All of the above.
- 12- Leiner syndrome characterized by:
 - a- High C5.
 - b- High IgE level.
 - c- Low Ig
 - d- Defective chemotaxis.
 - e- All of the above except a.
 - f- All of the above.
- 13- Type IV cell mediated allergic reaction is seen in:
 - a- Dermatomyositis.
 - b- Graft V.H reaction.
 - c- Rheumatoid arthritis.
 - d- All of the above.
 - e- None of the above.

Mark the following statements T for True and F for False:

- 14- P.T. is type I reaction and is mediated by TH1, CD8 T-cells and aided by macrophages.
T F
- 15- Hapten is an antigen of high molecular weight.
T F
- 16- Patch test is interpreted as negative if there is mild erythema.
T F
- 17- P.T. is a diagnostic tool for evaluation of patients with allergic contact dermatitis.
T F
- 18- The result of P.T. depends on the concentration the material.
T F
- 19- Food allergen makes an important contribution to the pathogenesis of A.D in infants.
T F
- 20- APT (atopy patch test) is proposed as a screening test in patient with A.D
T F

Choose the correct lettered statement to the suitable numbered one

In patch test the result could be:

- 21- Erythema + edema and no or few papules.
- 22- No reaction as compared to the control P.T.
- 23- Densely aggregated papules and vesicles.
- 24- Erythema which means questionable reaction.
- 25- Irritant reaction with bullae and ulceration.

- a- Negative.
- b- + or -
- c- +
- d- ++
- e- +++

5-a
4-f
3-d
2-d
1-d
10-f
9-c
8-c
7-d
6-c
15-f
14-f
13-d
12-e
11-h
20-f
19-T
20-T
17-T
16-F
25-e
24-b
23-d
22-a
21-c

Answers: