

SPP Course 4 – Post Weaning Diarrhoea

First Name:		Last Name:		
Email:			Veterinary Practice:	
Postcode:		Date:		

Please circle one answer only e.g. **A**

- Which of the following is true of the newly weaned piglet?
 - It adapts rapidly and easily to changed environment
 - It is capable of digesting new cereals
 - Weaning removes harmful antibodies present in milk
 - Inadequate digestion encourages bacterial overgrowth
- Proliferation of E coli in the gut leads to:
 - Respiratory disease
 - Rapid maturation of the digestive system
 - Diarrhoea
 - Increased growth
- Which of the following will harm the development of the normal gut flora (microbiome)?
 - Antibiotics given at birth
 - Vaccination
 - Colostrum intake
 - Iron injection
- Which of the following will reduce the chances of E coli overgrowth in the gut of the weaned piglet?
 - Little and often feeding
 - Varying temperatures
 - Ad lib feeding
 - Use of cheap low digestible ration
- Which of the following agents do not cause post weaning scour?
 - Enterotoxigenic E.coli
 - Rotavirus
 - Shiga toxin producing E coli
 - Salmonella
- Which of the following is NOT appropriate for administration to pigs to prevent post-weaning scour?
 - Organic acids
 - Zinc oxide
 - Vaccines
 - Antibiotics
- Which of the following tests is not appropriate for the diagnosis of bowel oedema at post mortem examination?
 - Histopathology of the brain
 - Identification of shiga toxin in gut content
 - Identification of bowel oedema causing E coli strains in the gut
 - Blood test for shiga toxin

8. Which of the following are appropriate to treat scoured pigs after weaning?

- A Shiga toxin based vaccines
- B Appropriately prescribed and applied water based antibiotics
- C Sow E coli vaccines
- D In feed Zinc Oxide

9. Which of the following antibiotics given in the water are not appropriate for first line treatment for post weaning scour?(subject to sensitivity test results)

- A Colistin sulphate
- B Apramycin
- C Lincomycin/spectinomycin
- D Florfenicol

10. Where a herd experiences repeated problems with bowel oedema post weaning the most appropriate course of action is:

- A Vaccination of sows against E coli
- B Incorporation of long term antibiotic medication
- C Injecting baby piglets at birth with antibiotics
- D Vaccination of piglets at 4 days old with shiga toxin vaccine